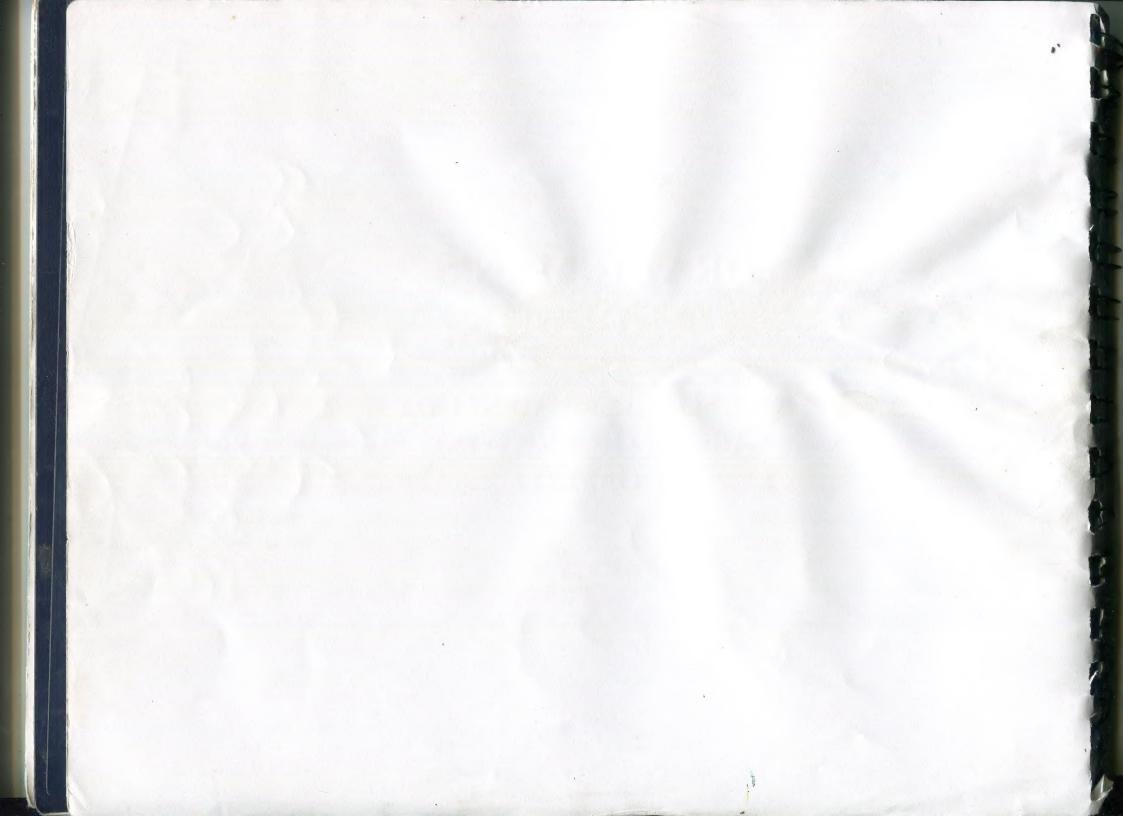


## DRAFTSMAN'S HANDBOOK

A RESOURCE AND STUDY GUIDE FOR DRAWING FROM LIFE

PART I



### DRAFTSMAN'S HANDBOOK

### A RESOURCE AND STUDY GUIDE FOR DRAWING FROM LIFE

BY DEANE G. KELLER

PROFESSOR OF DRAWING AND ANATOMY LYMEACADEMY COLLEGE OF FINE ARTS

INSTRUCTOR IN DRAWING AND ANATOMY NEW YORK ACADEMY OF ART

INSTRUCTOR IN DRAWING AND ANATOMY ART STUDENTS LEAGUE OF NEW YORK

INSTRUCTOR IN DRAWING AND ANATOMY WOODSTOCK SCHOOL OF ART

Copyright © 2002 Deane G. Keller

Drawings and text by Deane G. Keller

## ACKNOWLEDGMENT

For Dorothy
For Her Passion for the Arts
Which is Joined to and Has Strengthened
My Own

Production of this manual was made possible through the support of the

CHARLOTTE DANLY JACKSON FUND

An Endowment to Support and Sustain Classical Drawing and Figurative Art at the

LYMEACADEMY
COLLEGE OF FINE ARTS

With particular thanks to Barbara Marks

Control of the state of the sta

### TABLE OF CONTENTS

### **PART I**

- I. Introduction
- II. Statement on the Craft and Art of Drawing
- III. Freehand Drawing
- IV. The Framework of Construction
- V. Strategies for Quality: Appraisal and Revisions
- VI. Anatomical Structure

### PART II

- VII. Light and Form
- VIII. The Draped Figure
- IX. Reference to Masterworks
- X. Notes: Definitions, Concepts, and Recommendations

### I. INTRODUCTION

These single concept sheets on drawing from life have been pulled from the anvil of studio work and from years of life drawing instruction.

Each instruction sheet offers a concept or strategy that has sustained and endured principally because it has been found to work.

The ideas illustrated are not offered as rules but bear the greater advantage of time-tried results from countless situations requiring direct study from the model.

The purpose of this manual is to set out clearly and directly a framework for learning the craft of drawing from life as a foundation for serious figurative work.



### II. STATEMENT ON THE CRAFT AND ART OF DRAWING

### STATEMENT ON THE ART OF DRAWING

Drawing is fundamentally an act of interpretation which enlists contribution from perception, understanding, aesthetic sensibility, and experience. These are the elements which are harmonized in drawing. There are other factors which make their contribution, including practice in the use of methods and materials, knowledge gained from study and experience, and decision based on that which is intended and envisioned in the work; these factors and others claim and share the hand of the draftsman in the art of drawing.

### STATEMENT ON THE CRAFT OF DRAWING

Not much is possible without a foundation in the craft of drawing – of knowing the methods and materials, of being thoroughly familiar with some of the strategies for appraising the work throughout the entire process, and of working with a sense of coherence in sustaining the integrity of a drawing from start to finish. Much of this may be studied, practiced, and learned, for a few basic strategies form the foundation of drawing from life as defined here.

This handbook therefore identifies and illustrates concepts and strategies supporting the craft of drawing in order to approach the art of drawing. One need only recall that the finest draftsmen throughout the history of art sustained their study of drawing and the construction of the figure throughout their careers. Clearly an immense respect for the human figure in art supports the study of it; in turn, the greater the familiarity with it, the more authority evident in the work and the more sovereign the expression.

Drawing is an art. Drawing gives form to ideas and feelings by seizing and transforming them, endowing them with the substance of graphic form. Through drawing the spiritual realm is grafted to the material; thoughts are given form and expression. It is through the art of drawing that thought, feeling, and image are harmonized. The boundaries of experience are widened and shared and brought into the context of our lives by the hand of the draftsman.

It is to this larger purpose that this manual supports the art of drawing by addressing the craft of drawing first in order to provide clear stages for learning and experience which support the draftsman's art.

## THE COLUMN









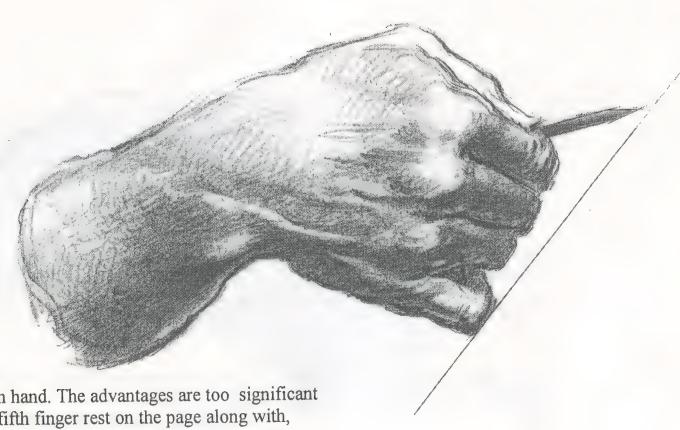
### III. FREEHAND DRAWING

The central issue in freehand drawing from life is to remain responsive throughout the course of drawing to all contributing factors (perception, knowledge, materials and methods issues, aesthetic sensibility, etc.) with a high degree of flexibility in order to respond with coherence to ideas, decisions, strategies which must be permitted to make their contribution.

No sets of strategies, rules, or suggestions serve the draftsman every time in the same way. A draftsman must therefore start fully equipped to deal with a realm of issues and circumstances, expecting always to discover something new and to have the resource to sort out, solve, and use whatever it is.

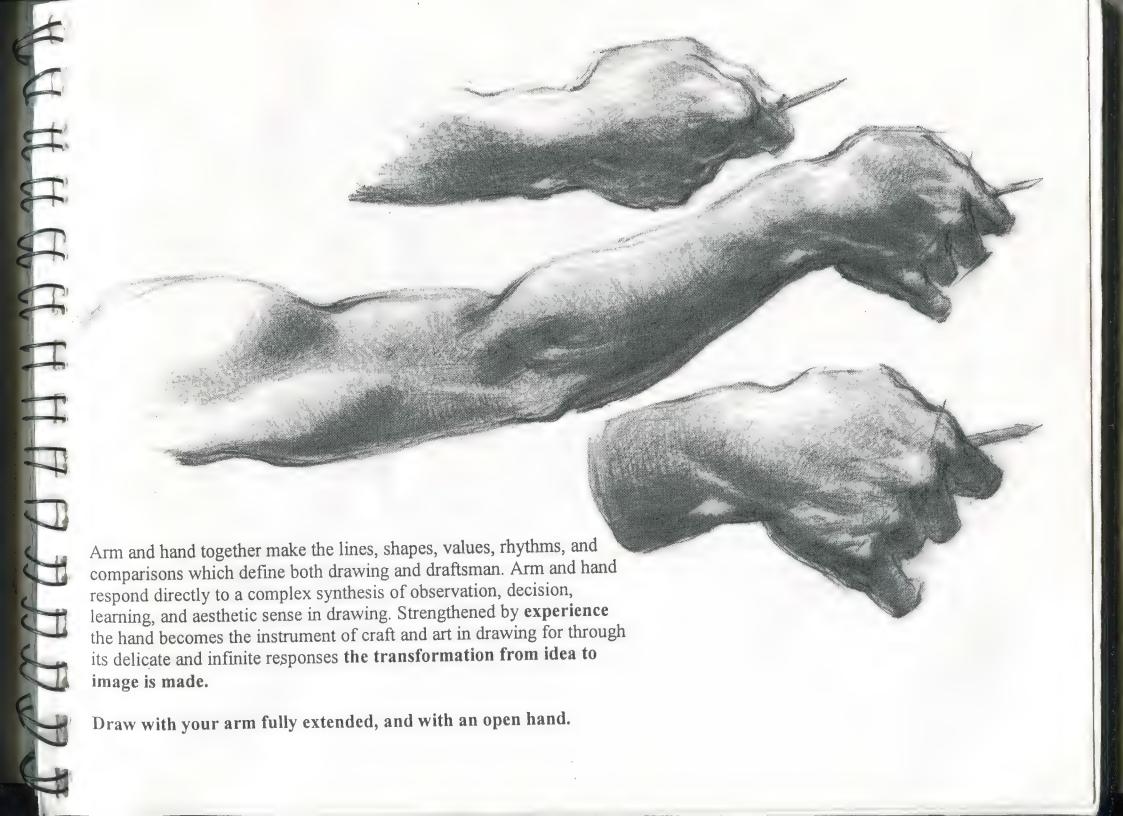
Broadly defined, a drawing is the record of the limitless interface of mind – of will, intelligence, and sensibility – joined to a skilled and experienced hand.





Draw with an open hand. The advantages are too significant to ignore. Let the fifth finger rest on the page along with, sometimes, the fourth and third fingers. These points of support allow one to draw with the arm, to draw from the shoulder instead of "writing" the drawing by holding the charcoal or pencil as one would when writing. Among the reasons for this suggestion are:

range of motion
line quality
movement
viewing the drawing
appraisal of the drawing
monitoring the overview



Start the drawing with a full sense of the priority of things – the general sense of the figure in its entirety, the action, and an abbreviation of everything throughout. Details have little application at this stage; the larger relationships are everything. A draftsman must learn that this is so, and that to focus on lesser parts will distract and immediately replace one's sense of the totality with a welter of unrelated details.



# THHH

Freehand drawing must accept contribution from any idea or strategy which can support the active learning, the search for the overview, the sense of volume, lines which are used to discover the relation of parts to each other and to the whole, the priority of lines of action, sizes, the use of reference lines wherever the choice of a line drawn requires evaluation, together with a significant number of anatomical references both located and related in order that the drawing may advance with some coherence in constructing an image.

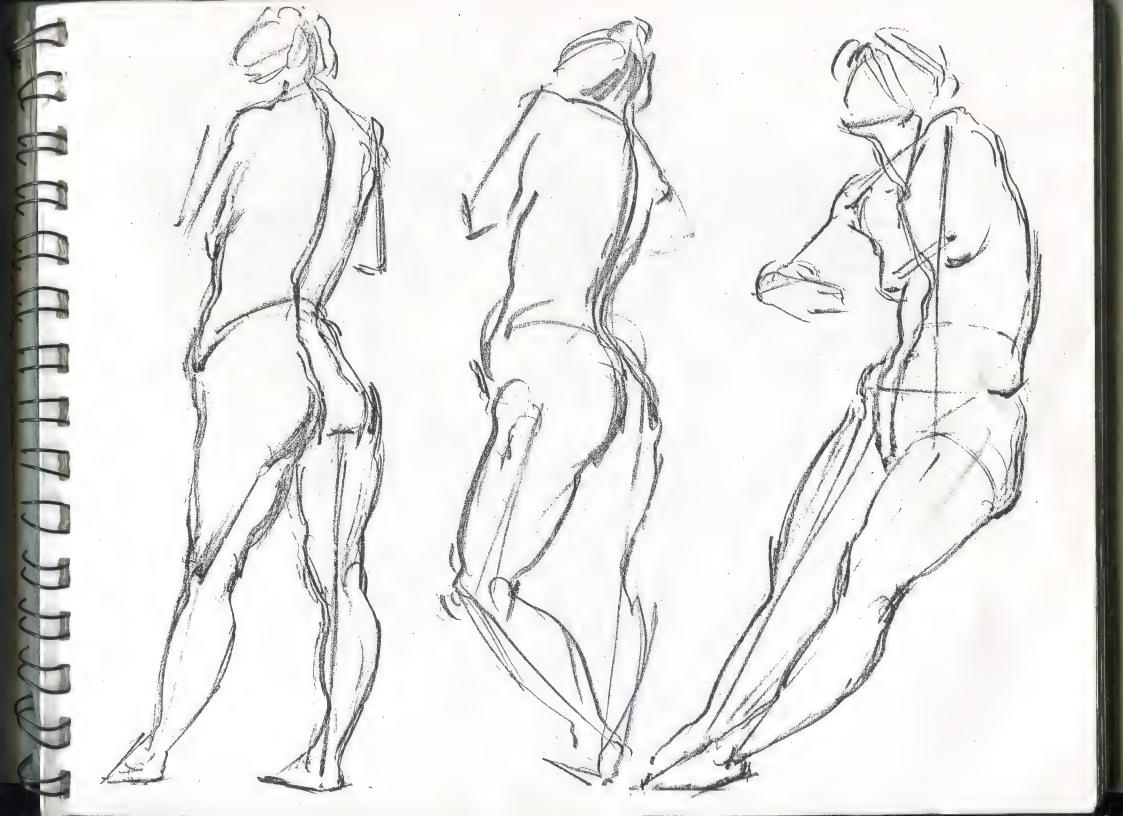
The manner in which these factors are harnessed is immediately apparent in the first stages of setting up a drawing since every line usually has some purpose and thus the scope and intentions of the work become clear.

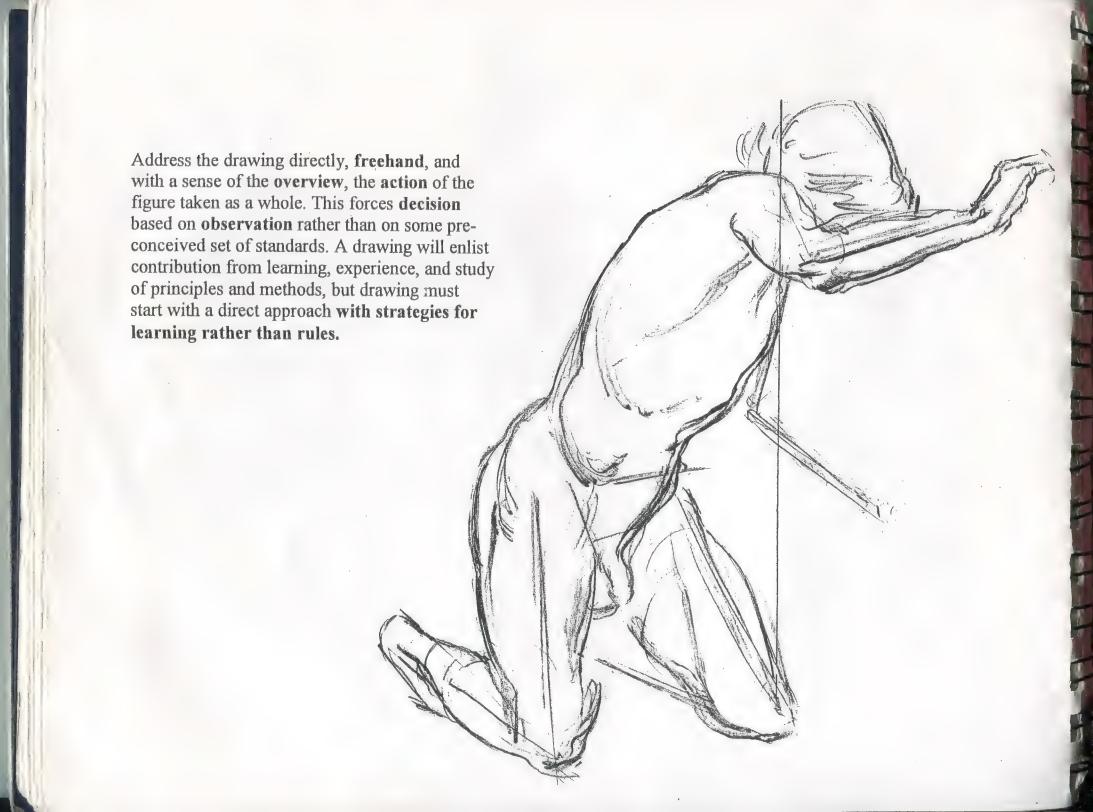


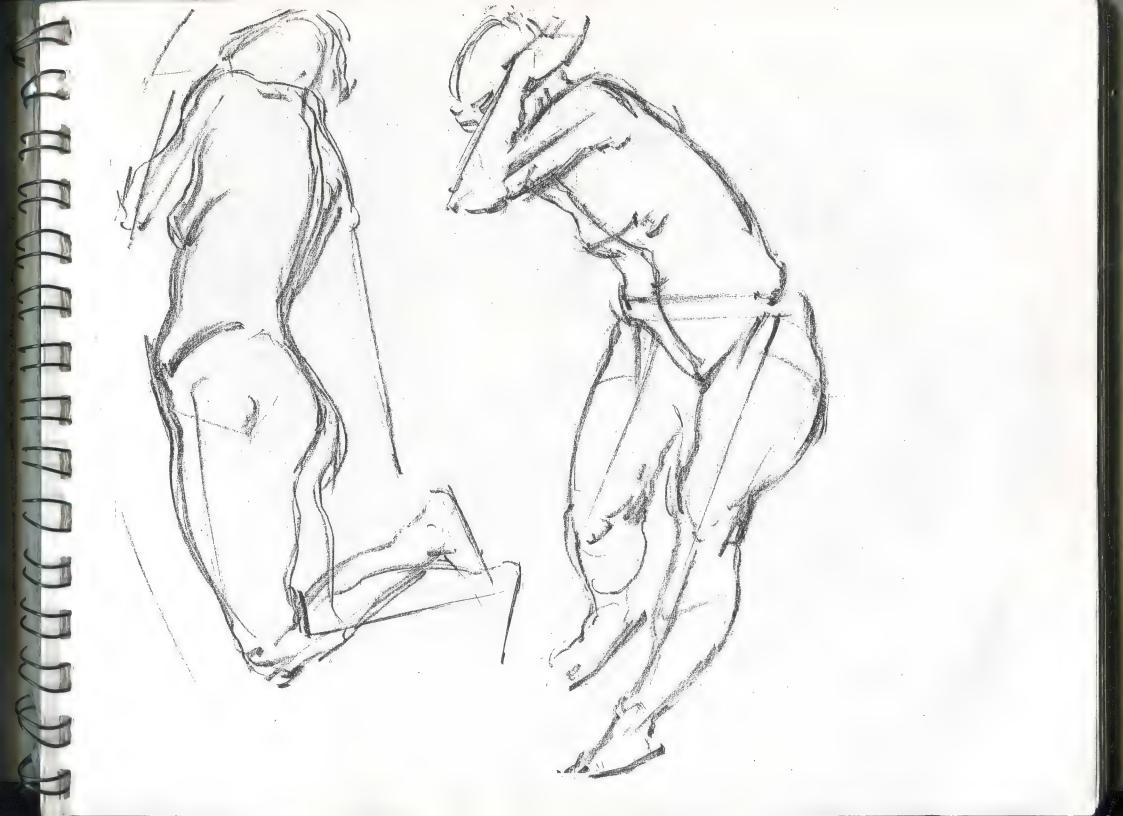
Developing a strong sense of the overview in some abbreviated form is a good first strategy since it seeks the framework for the drawing while deferring attention to details. Starting well depends not at all on the amount of detail but much more on working out a general set of lines corresponding in a broad sense to the relationships of position, the action, and to the relationships of size, the proportions.

To study the entire figure, the **overview**, in this abbreviated form puts one's focus where it is most needed — on the relation of the larger aspects of movement of the figure and its unifying rhythms.





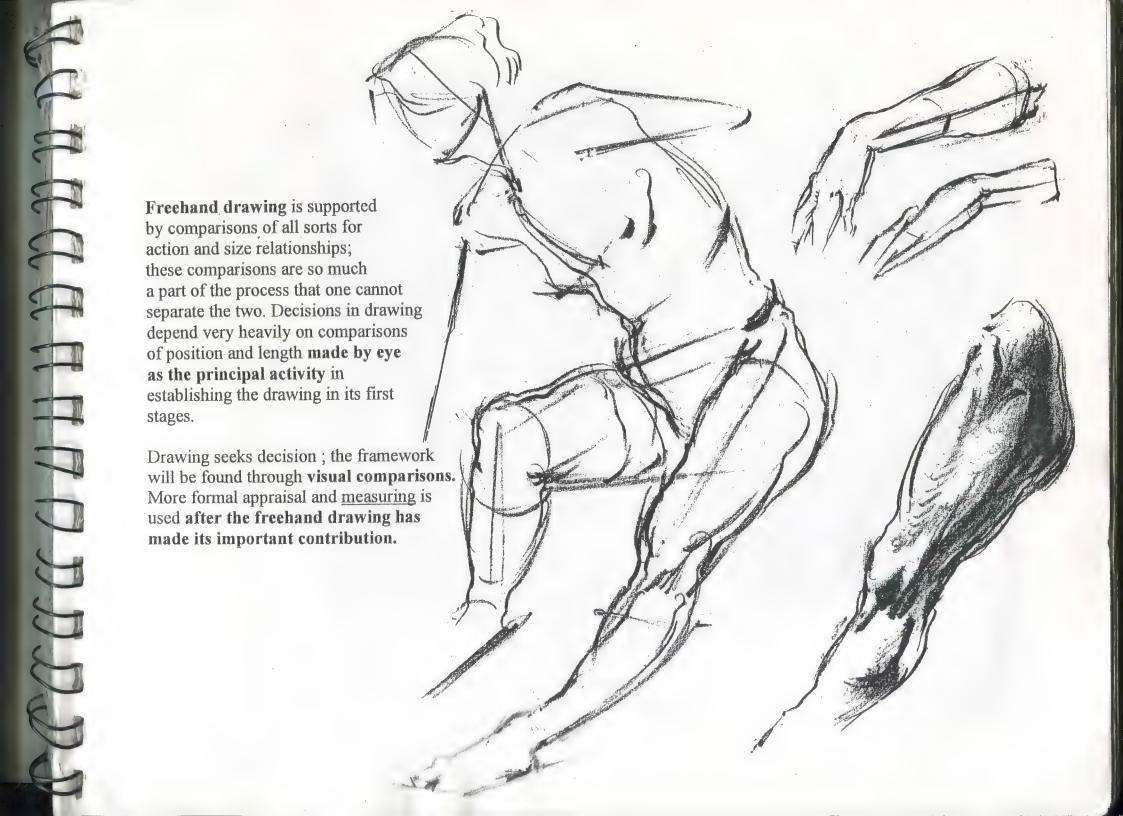


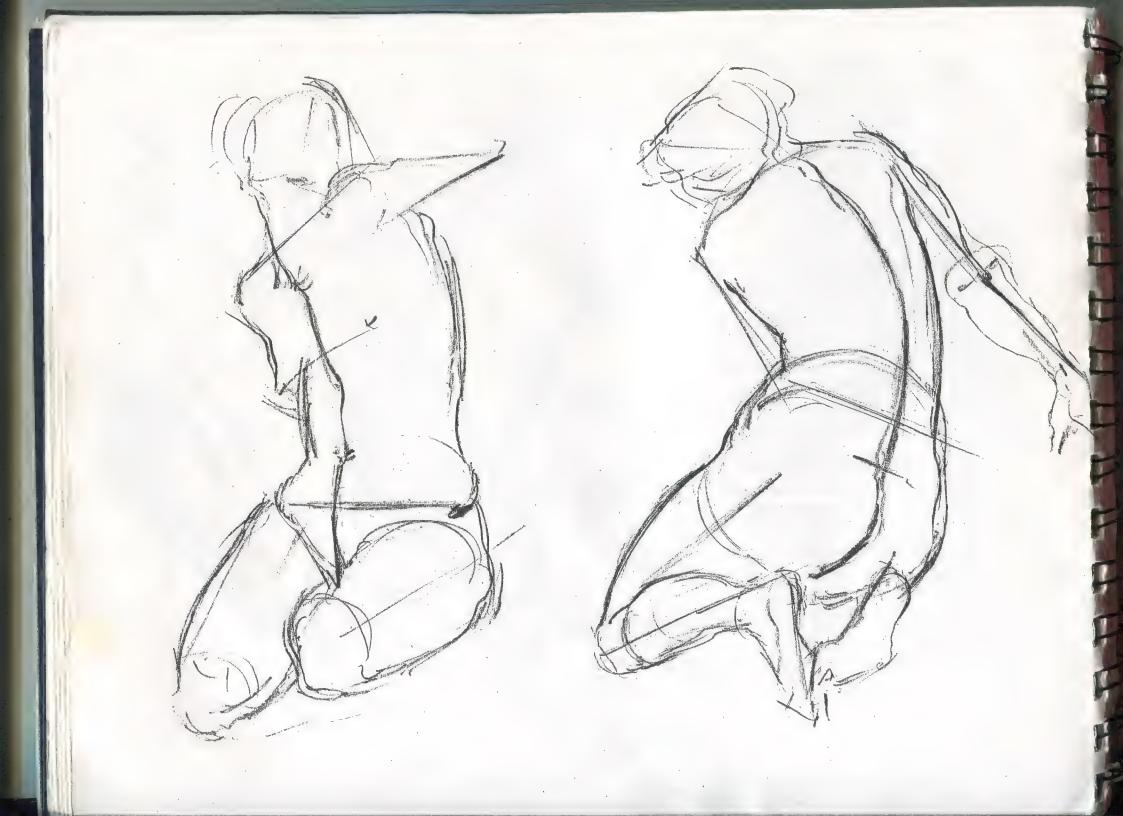






The strategy of linear drawing as against modeling is recommended since the major issues of the action and the size relationships always require some adjustment. Since the drawing must remain open to adjustment through the first stages, linear drawing accepts and responds readily to comparisons made to the model and the changes both major and minor which may be made to the drawing; modeling the forms will follow and depend upon this linear framework.









Degrees of finish (line, rendering, modeling form) vary depending on the purpose. Linear studies may better serve in problem-solving such as in anatomical drawing, the direct clarity of ecorché drawing. The idea is to gather contribution from experience, anatomical structure, perception, and skill of hand such that these and other strengths may support the freehand drawing.





Drawing is best served by an attitude of openness and unobstruction rather than to be held to fixed limits and rules if it is to be meaningful and authentic.

There is no reason why a good idea, strategy, or observation should necessarily be withheld from making its contribution to drawing.

No strategy or suggestion serves the draftsman every time in the same way but for intelligence, experience, and an attitude toward the work of the studio which remains honest in its purposes.

**Theory** – the way things should work – must submit to **practice** – the way things actually work – but both make their contribution.

Power of mind and skill of hand remain the principal assets.



IV. THE FRAMEWORK OF CONSTRUCTION

While freehand drawing energetically initiates the work, the construction of the figure is the strategy which joins study of the action of the figure itself and other modifying conditions (perspective, light source, etc.) with the anatomical structure (bonepoint and landmark references) in developing the drawing. Whatever might have necessarily been abbreviated in the freehand drawing stage now receives the attention required to achieve structure and coherence.

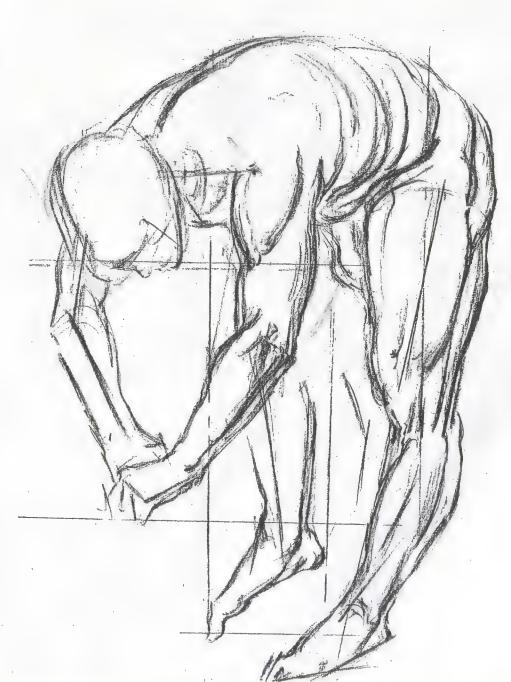
Construction in figure drawing is a practice which yields control and coherence of visual and anatomical references (what is seen and what is known) at each successive stage in the development of the drawing.

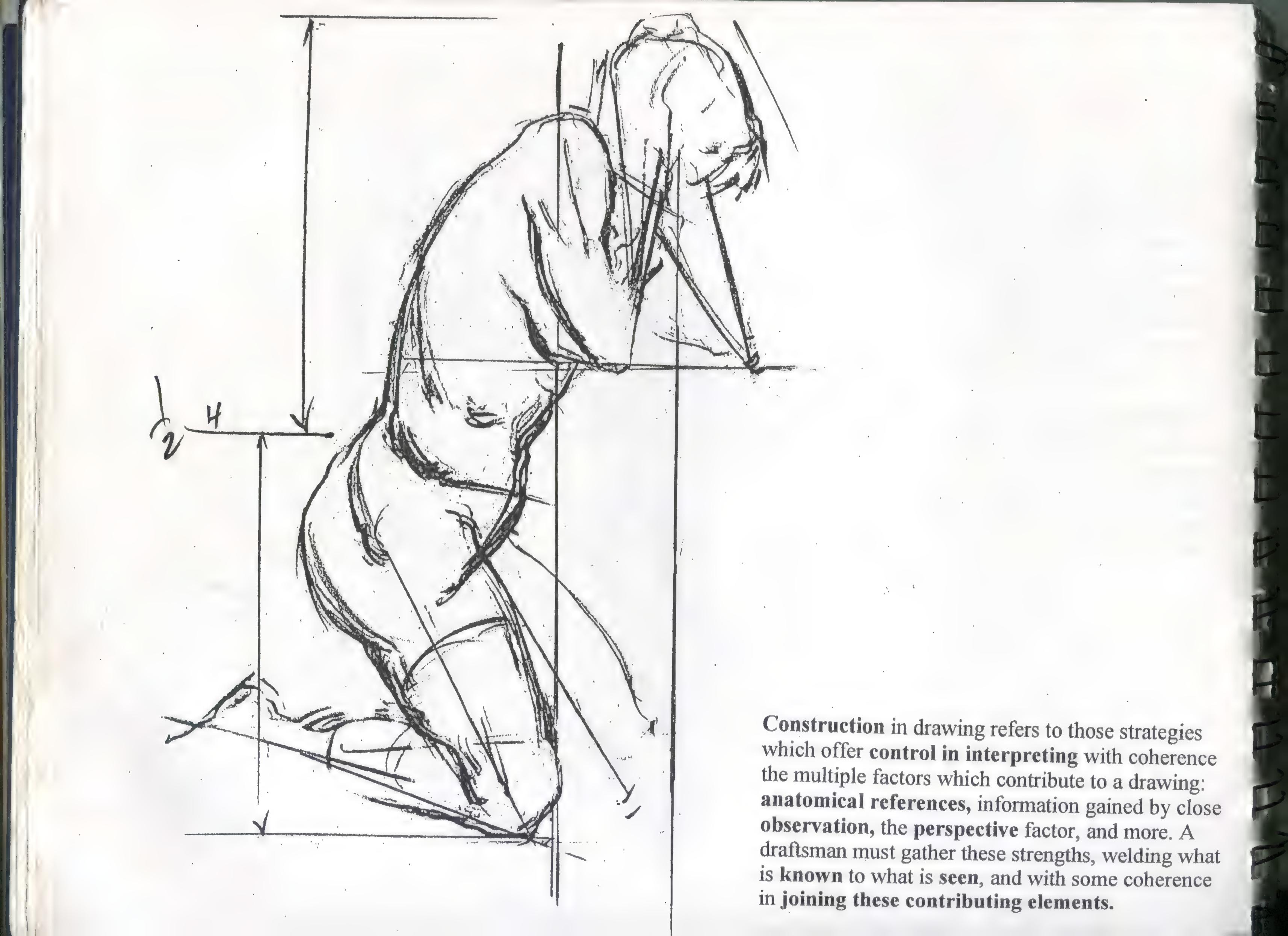
The framework of the drawing is established through effort applied to constructing the drawing; care given to construction separates sketching from drawing.

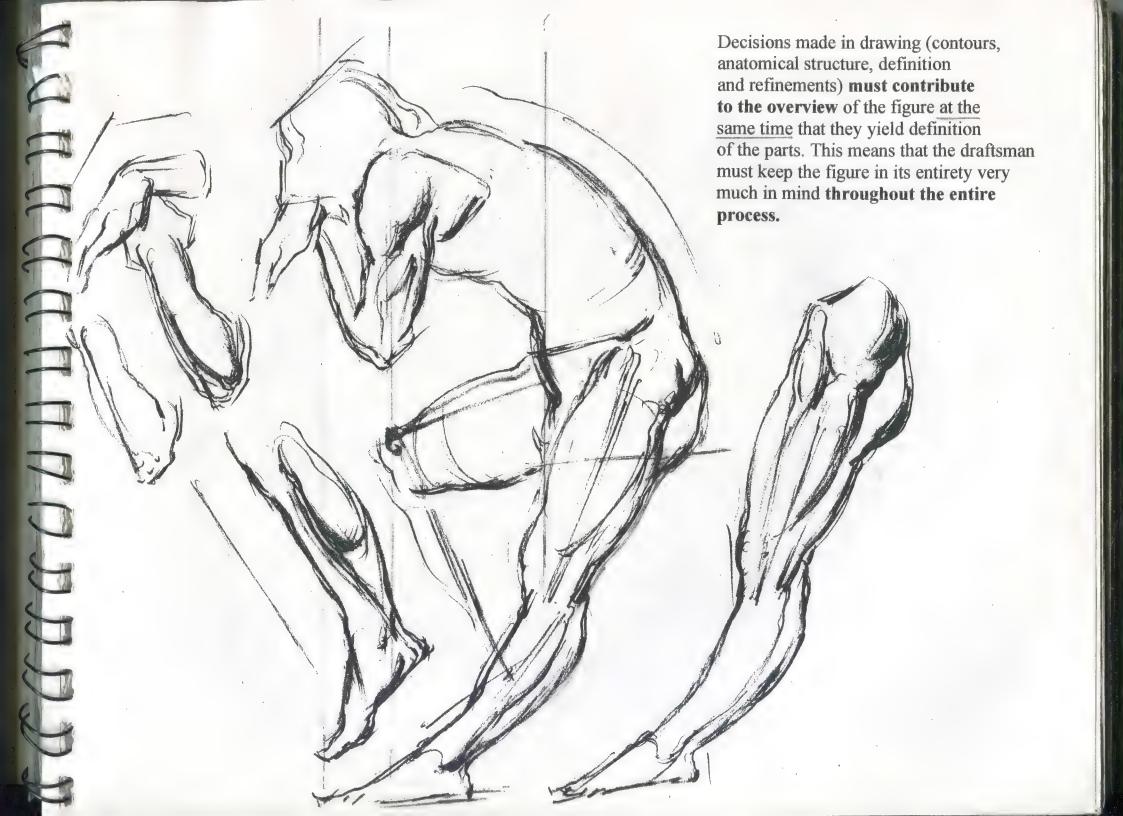


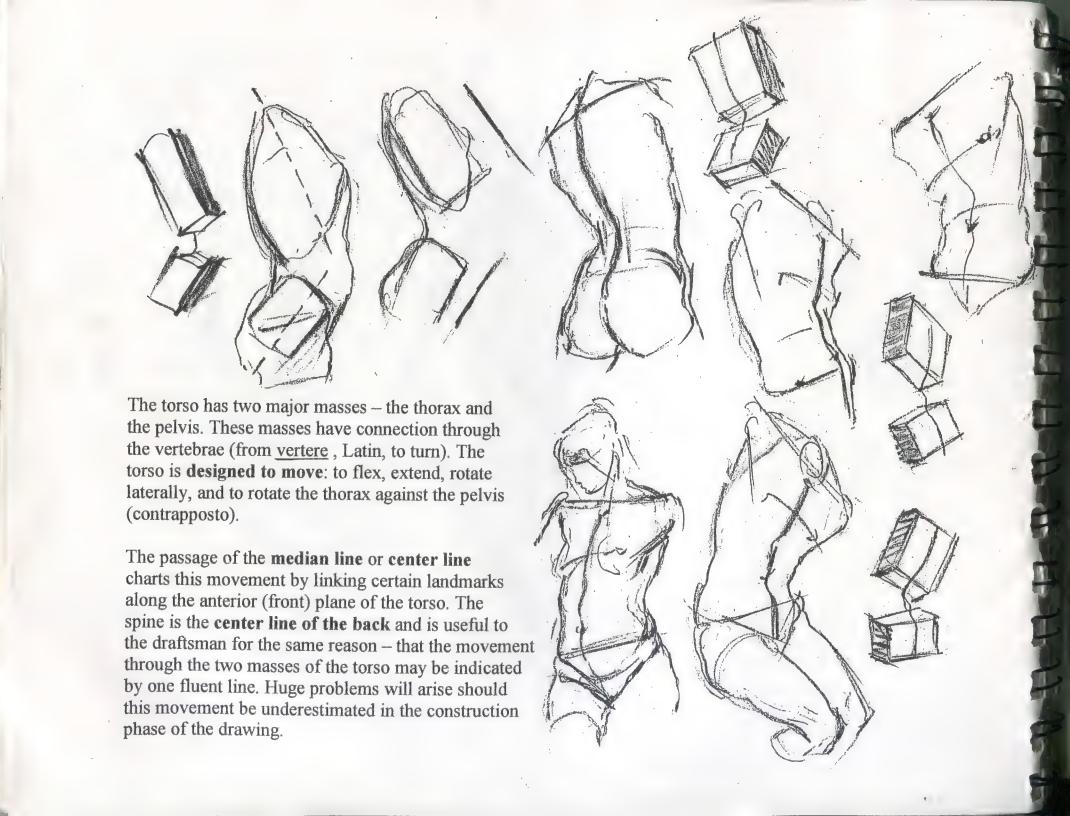
Basic construction of the drawing provides the framework for advancing the drawing and introducing further anatomical description. These refinements cannot be introduced unless and until the action and size relationships have been studied, drawn, appraised, and revised.

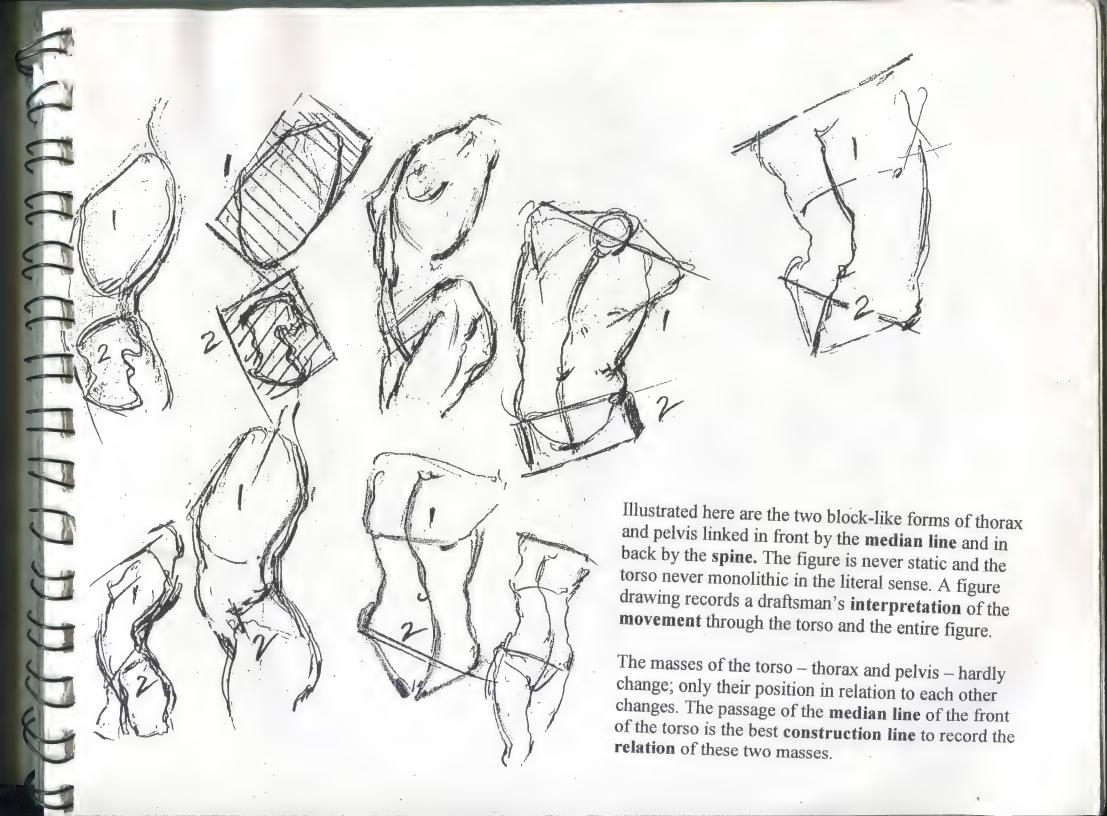
Construction acknowledges stages of development throughout the course of drawing from a vigorous freehand beginning to final modeling.

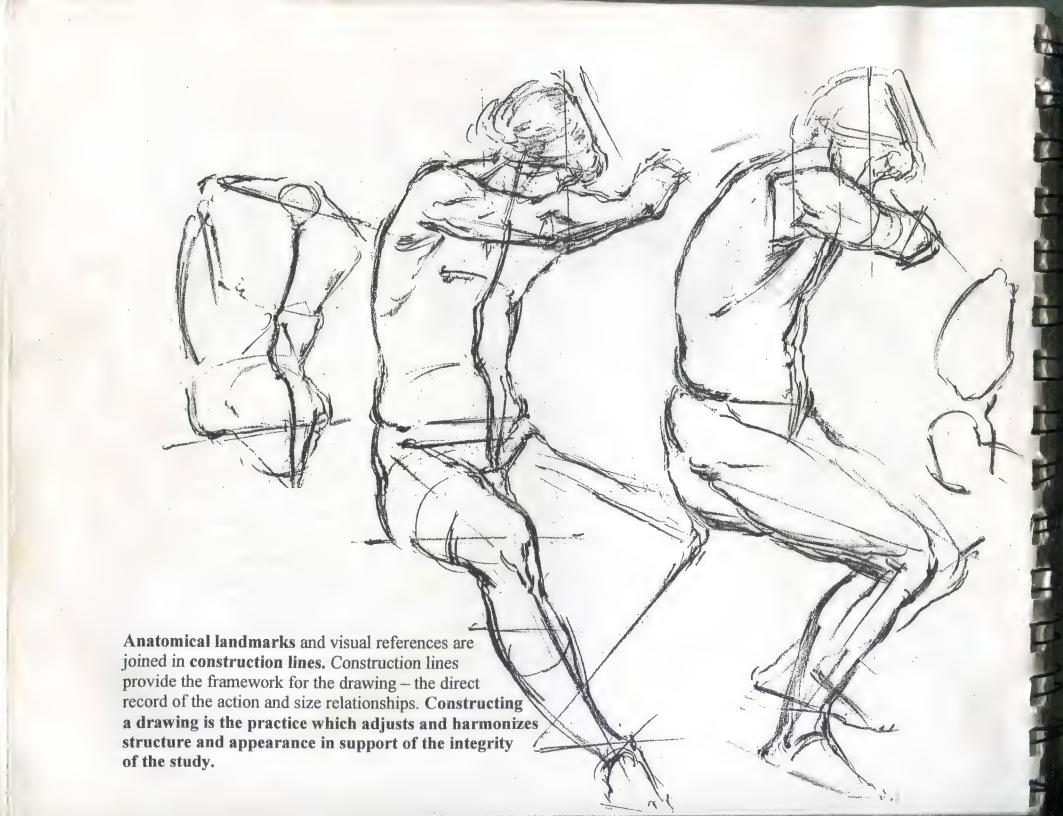


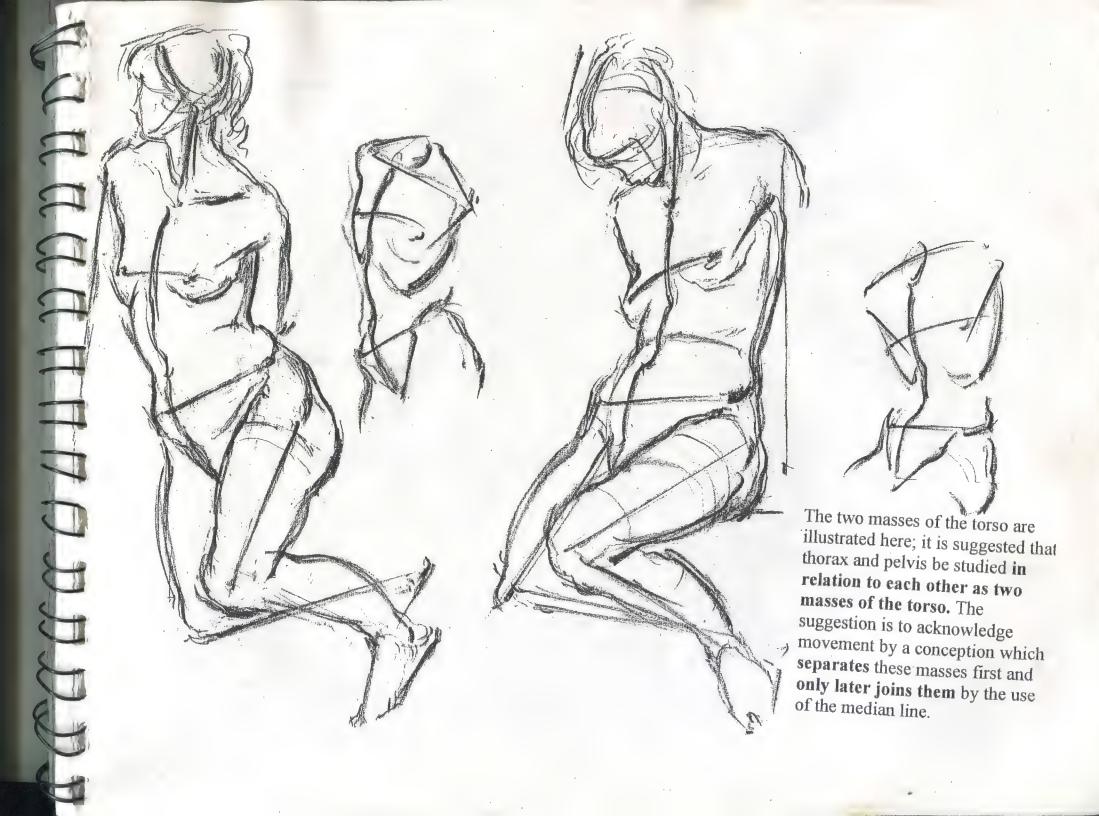


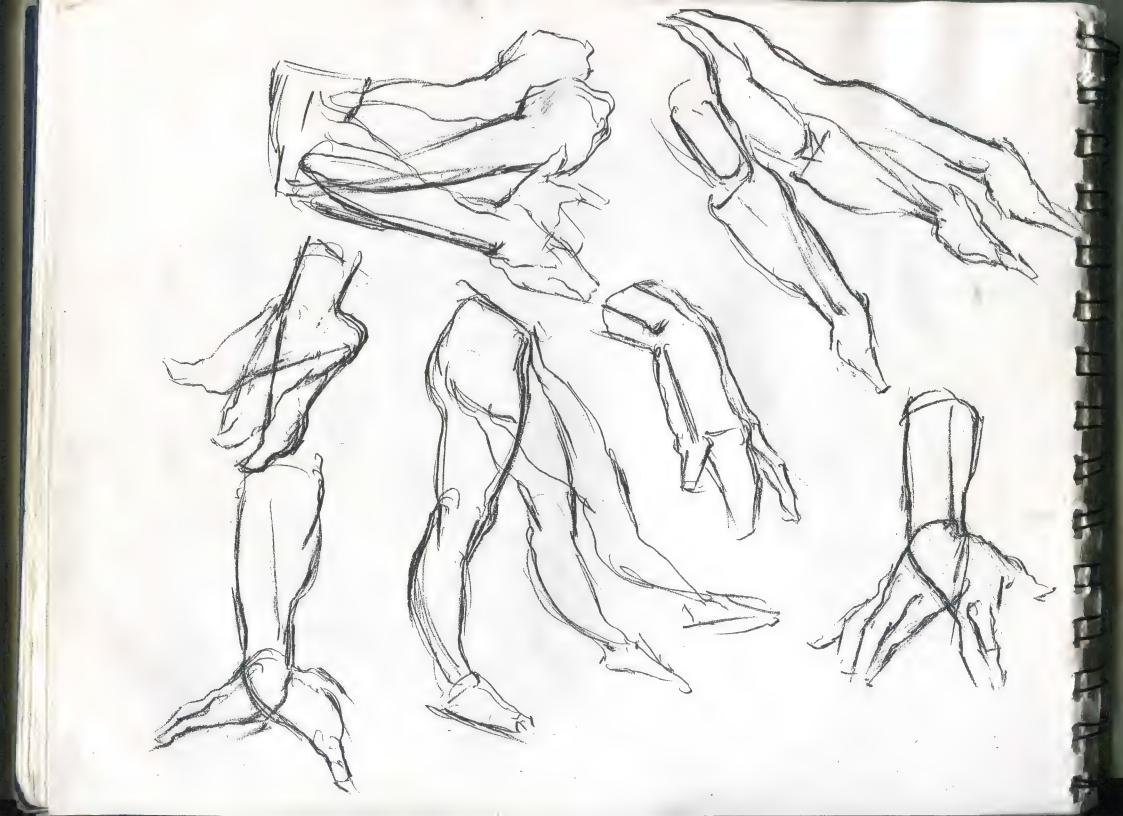


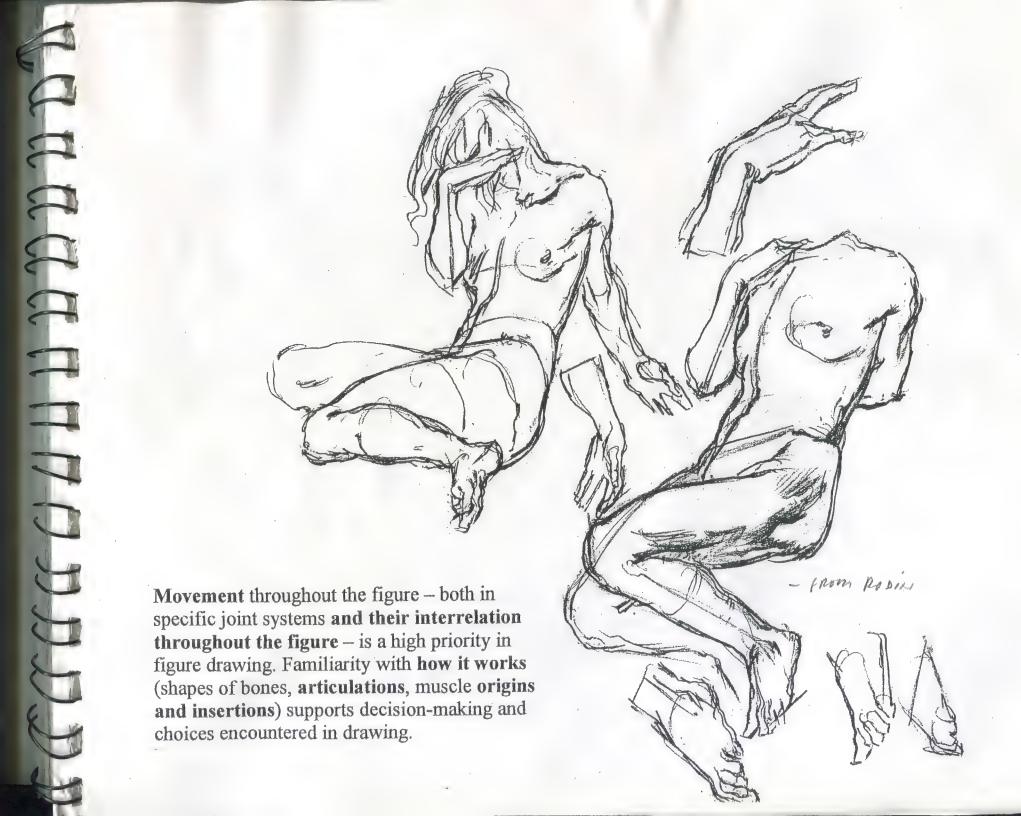




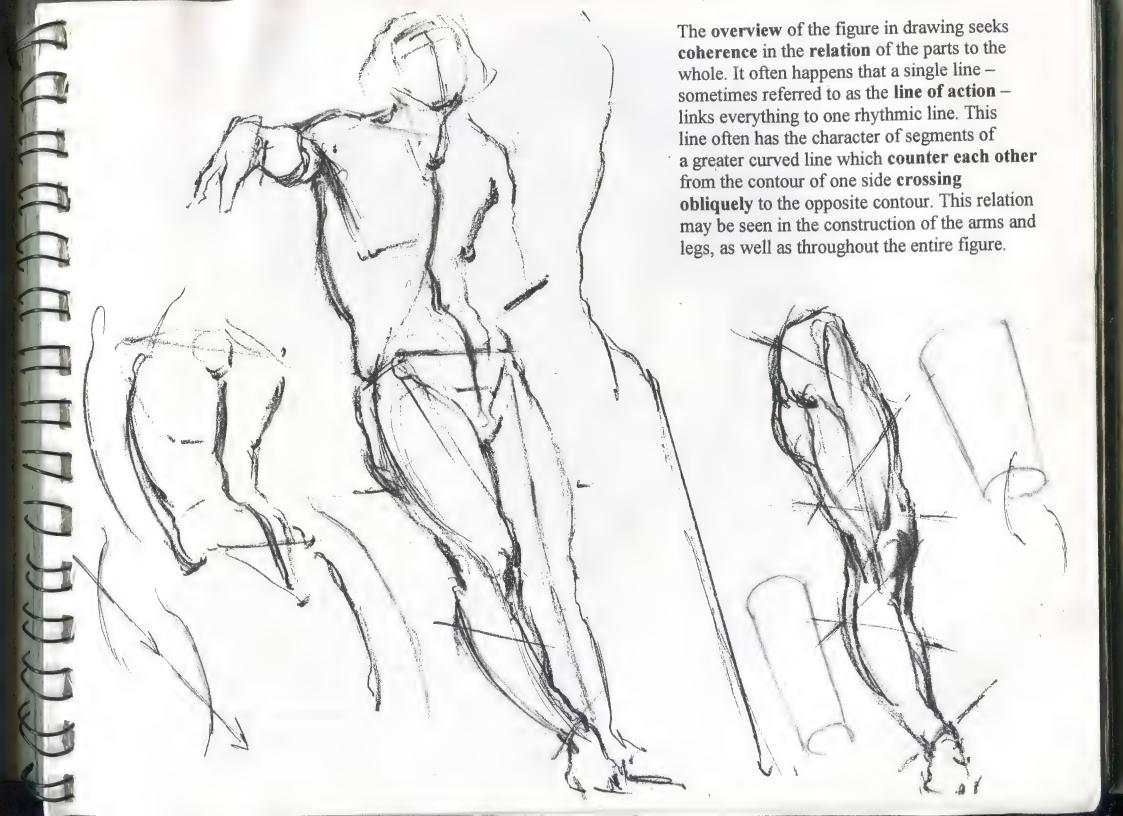


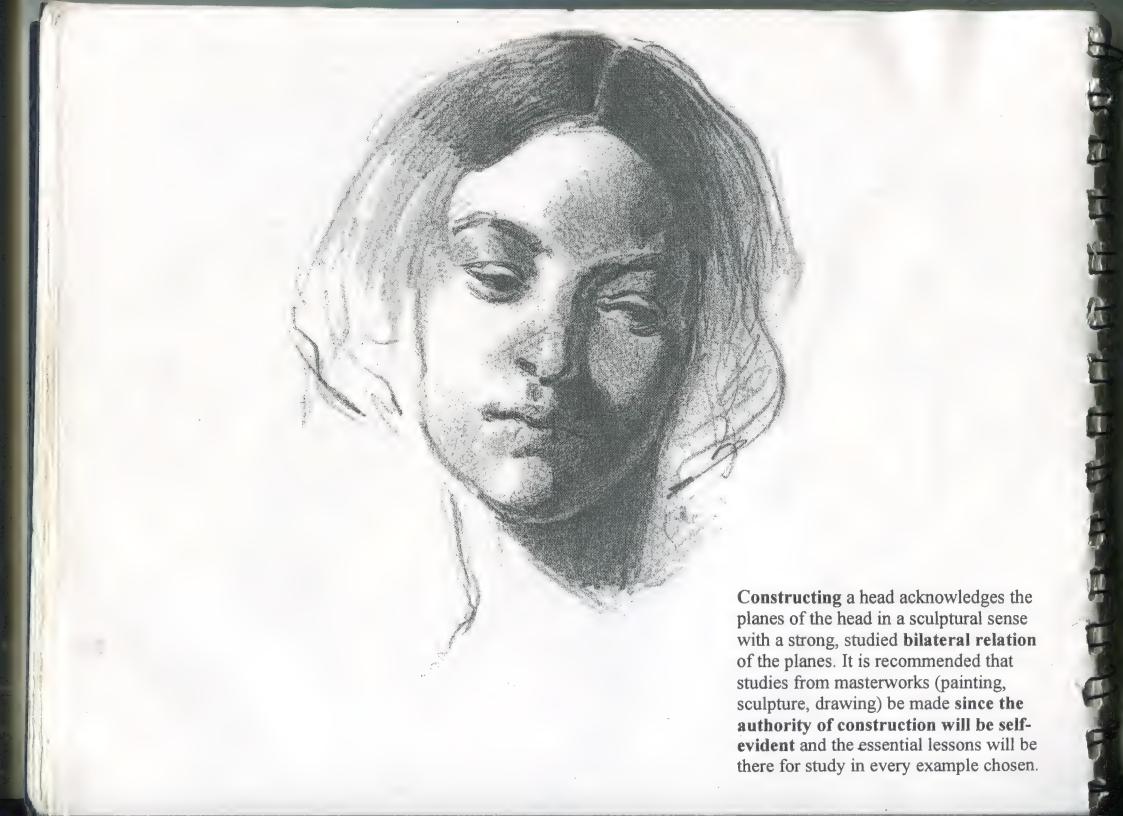


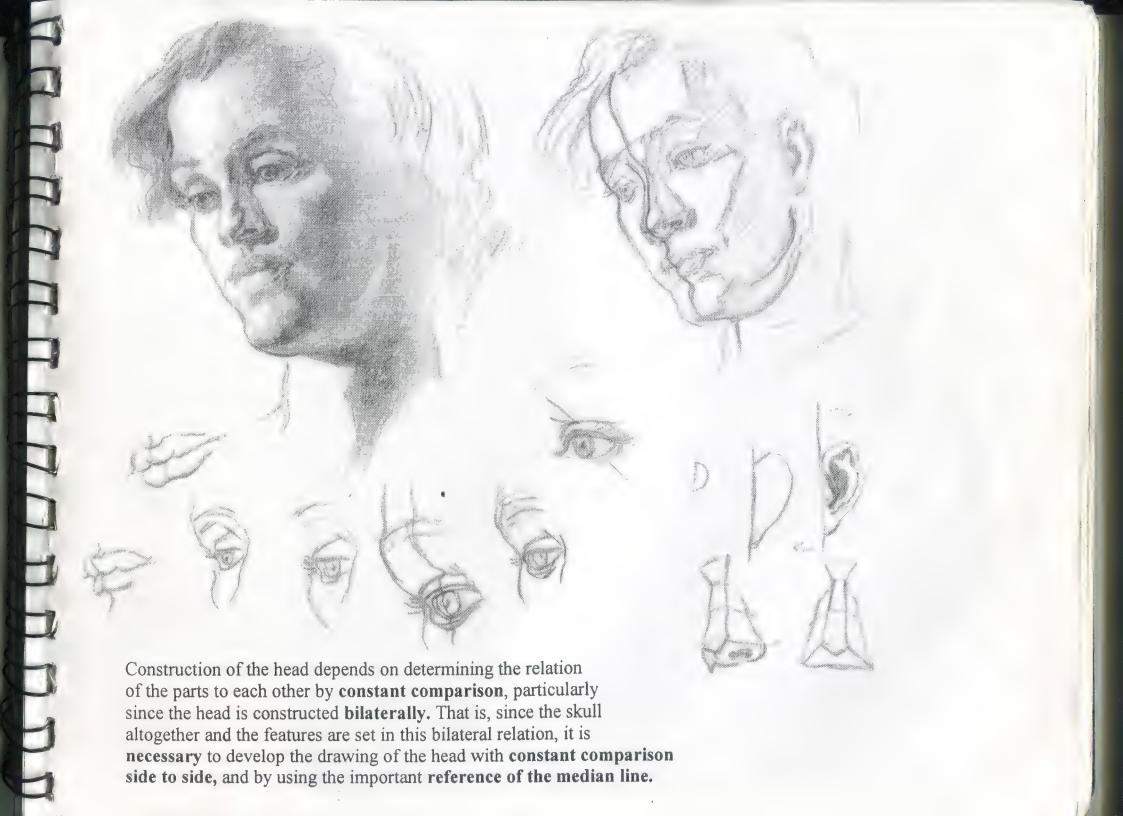










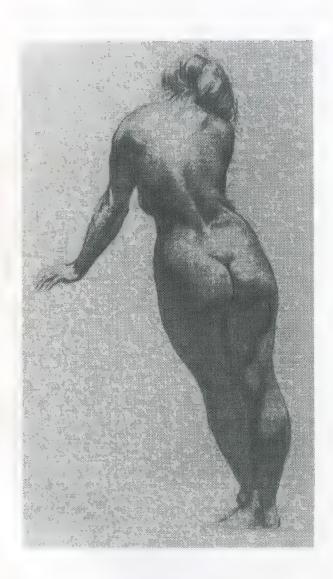




Constructing a head, particularly in a foreshortened position, requires attention to the size relationship of face to cranium. Certain landmarks of the skull are useful in determining sizes — such as the brow ridge in this example - by which proportionate construction of the head is achieved. The critical suggestion here is to utilize obvious anatomical landmarks in constructing the drawing and to remain vigilant in adjusting and refining the relation of the parts to each other.

These and other lessons may be learned by studying and learning from works by masters, making copies in museums from originals which are richly informed in the principles of drawing which we seek.





Recognize and remain responsive to all contributing factors with some sense of priority in the process. To this point some **strategies** have been suggested:

- Draw with the overview of action and lengths of the figure very much in mind
- Draw lightly and with abbreviation of detail
- Look always for the larger relationships and for some harmony, rhythm, as one looks to the nature of the connection of the parts and of these parts to the whole
- Remain open in this process to determine what goes well, what goes poorly, and what to do about it. This manual makes some recommendations about appraisal and revisions in drawing from life.

有音和有用作用的

 Remember that drawings do not develop always in some strict accordance to rules, or always in the same way.
 Experience reveals that some ideas work better than others for a draftsman and that some of these ideas and strategies are offered here just as all sorts of tools may be found in a tool box; they are there to use when they are needed.

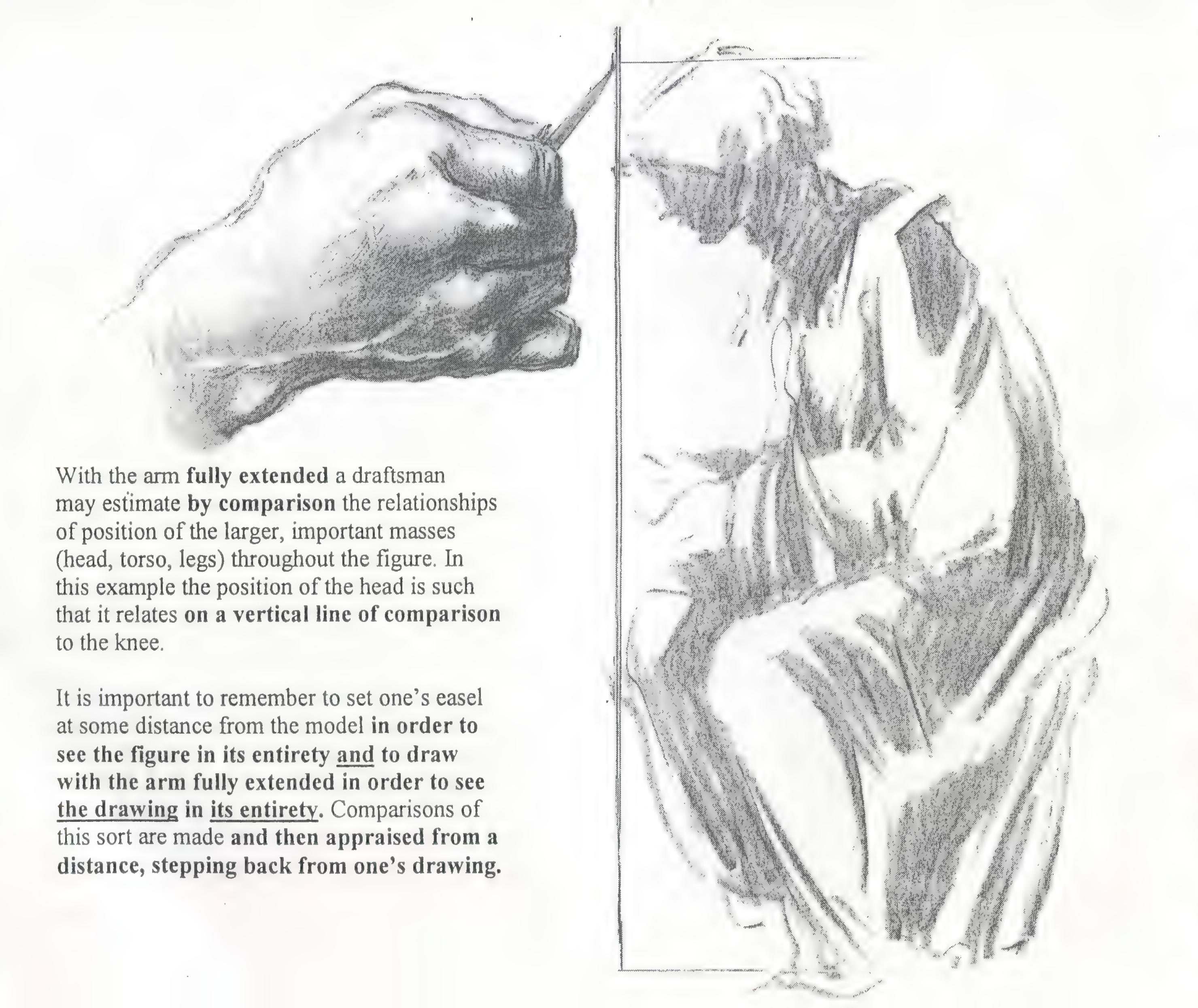


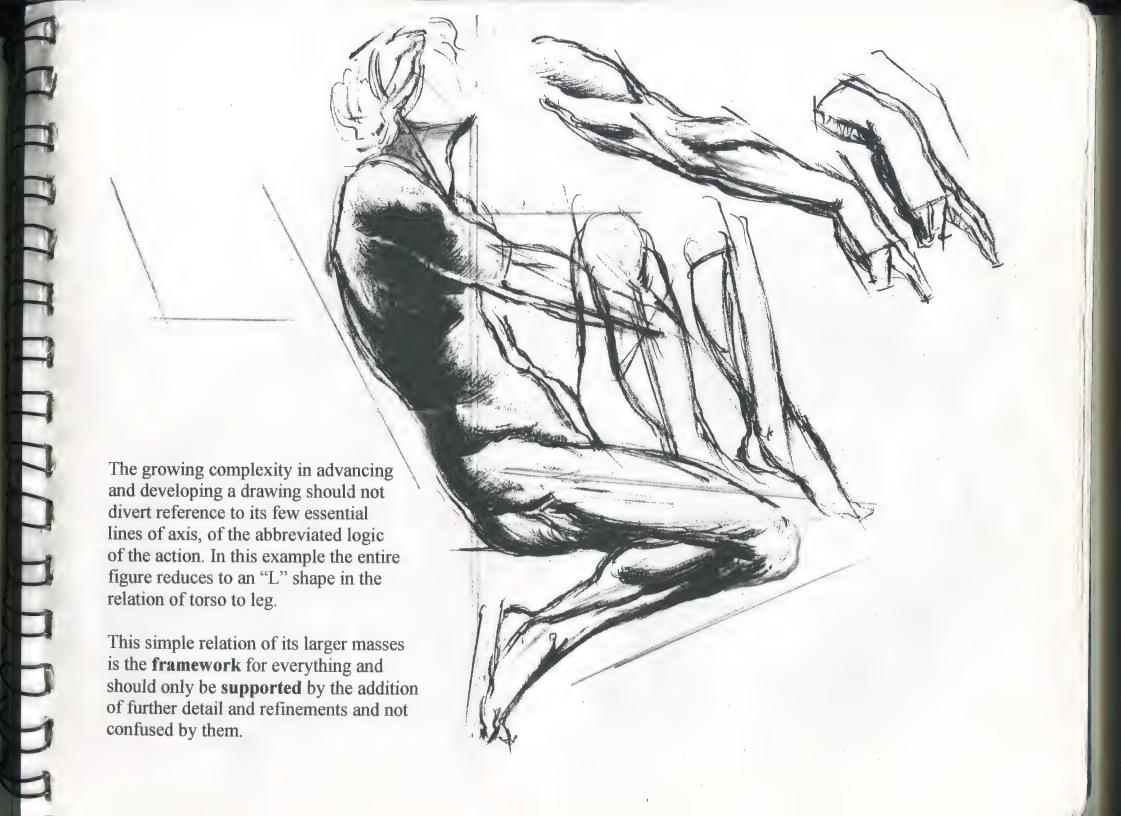






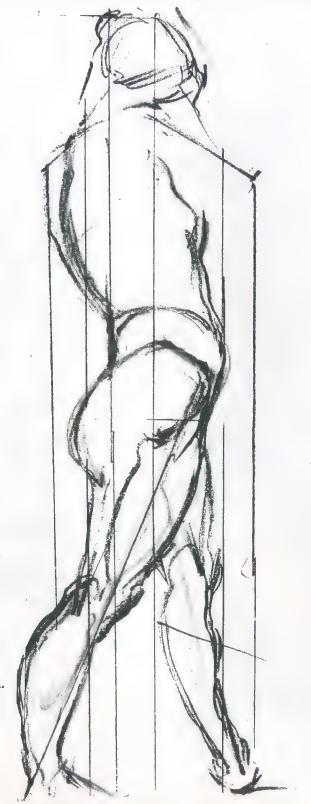
V. STRATEGIES FOR QUALITY: APPRAISAL AND REVISIONS

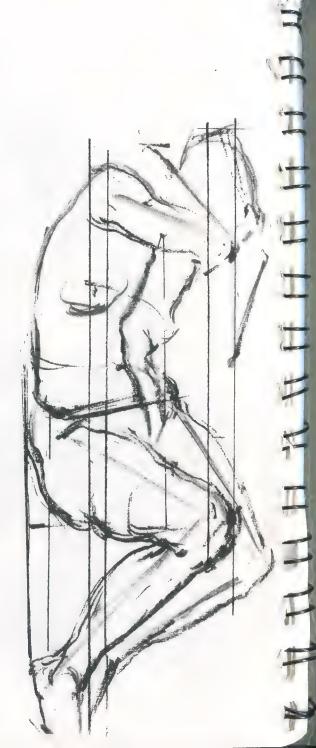


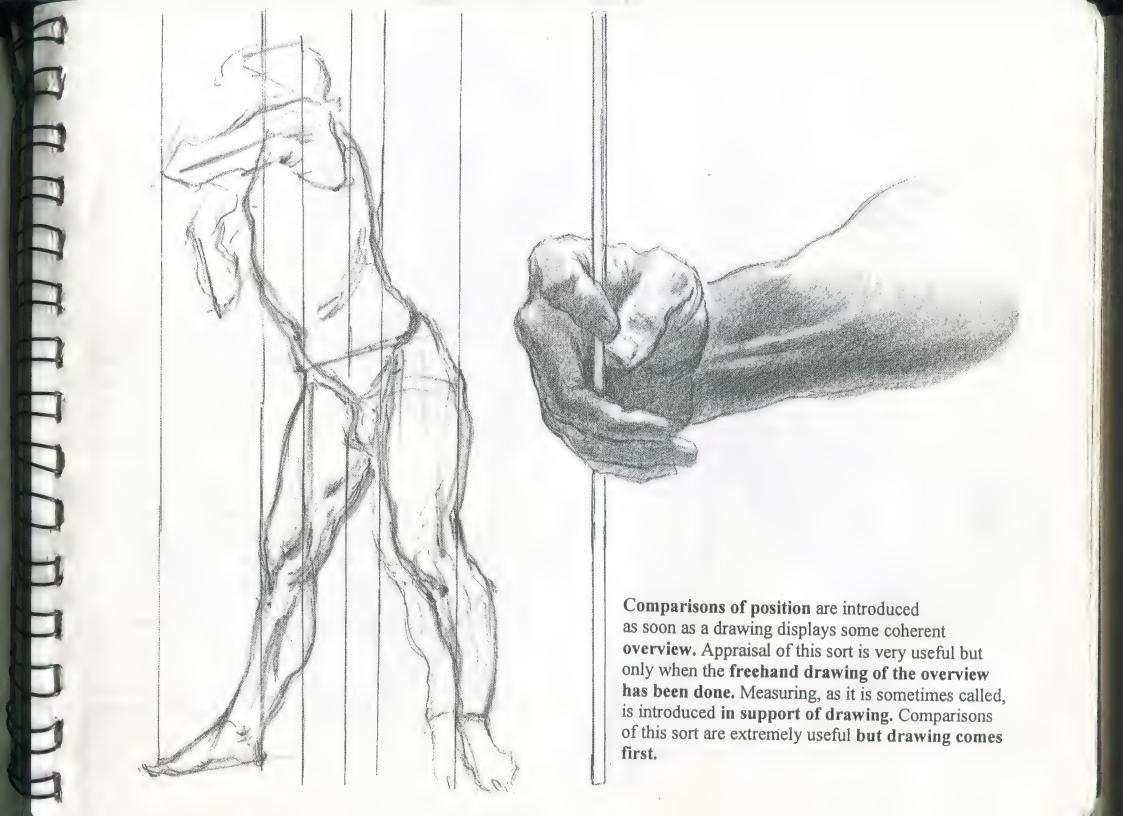


Comparisons of position, of the relation of masses to each other, are made once the freehand drawing has been started, brought to an early but coherent stage of development, and has been adjusted according to visual appraisal of its quality in relation to the model. Measuring, as it is sometimes called, is used in support of drawing

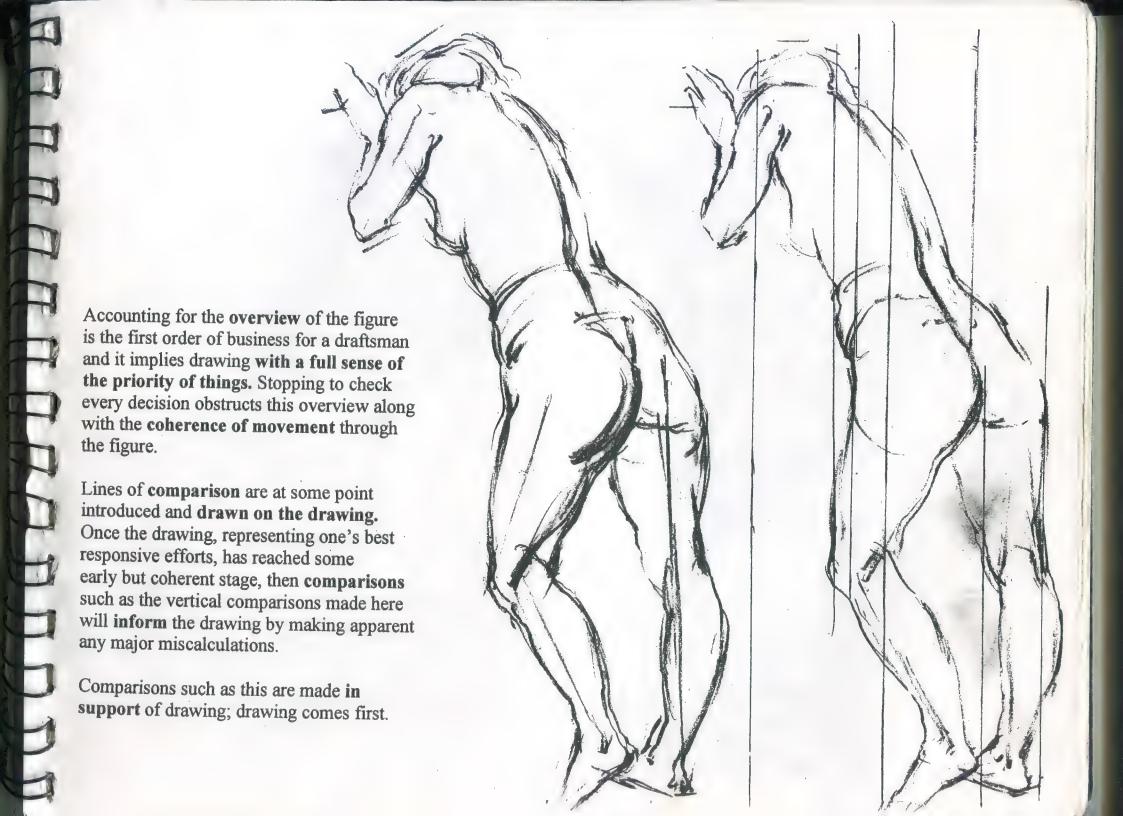
The vertical comparisons made in these two examples relate certain landmarks to each other in accordance with their location as seen on the model. Such comparisons are made by extending the arm fully and holding the straight edge in vertical position while looking past the stick at the model. The relation of parts to each other is brought back to the drawing, usually suggesting some revision.

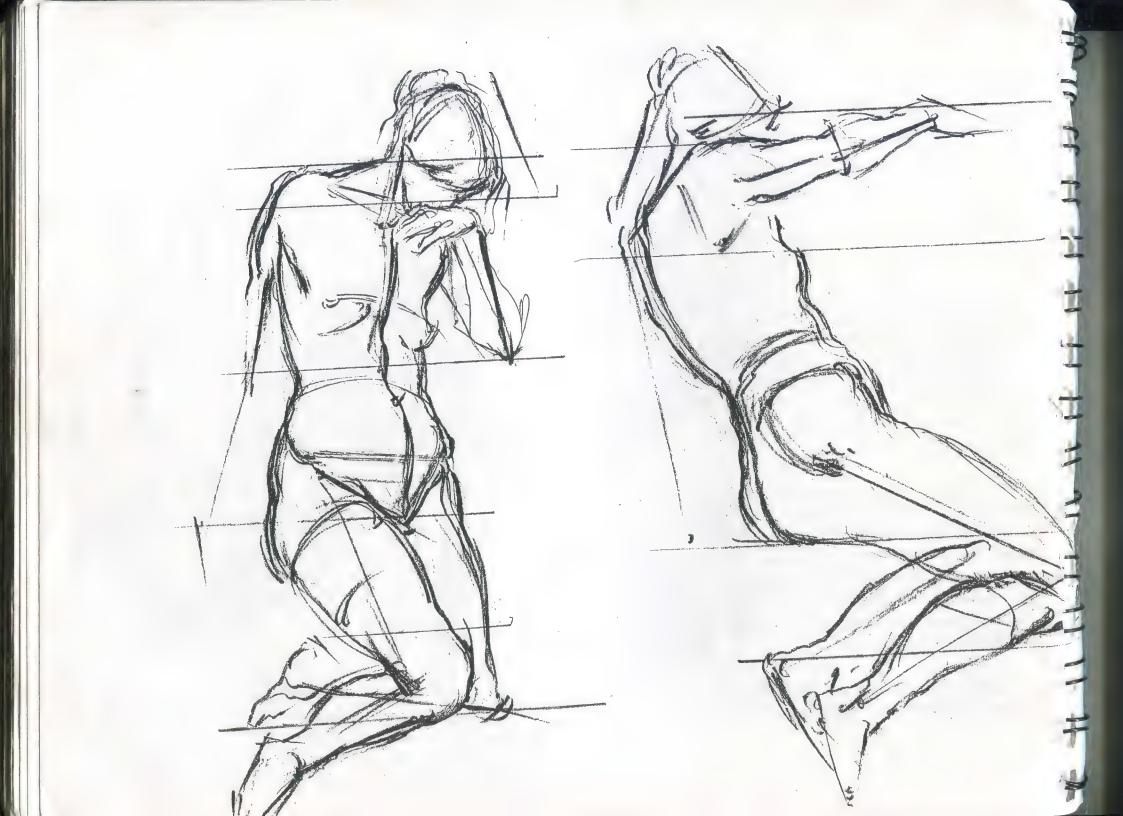


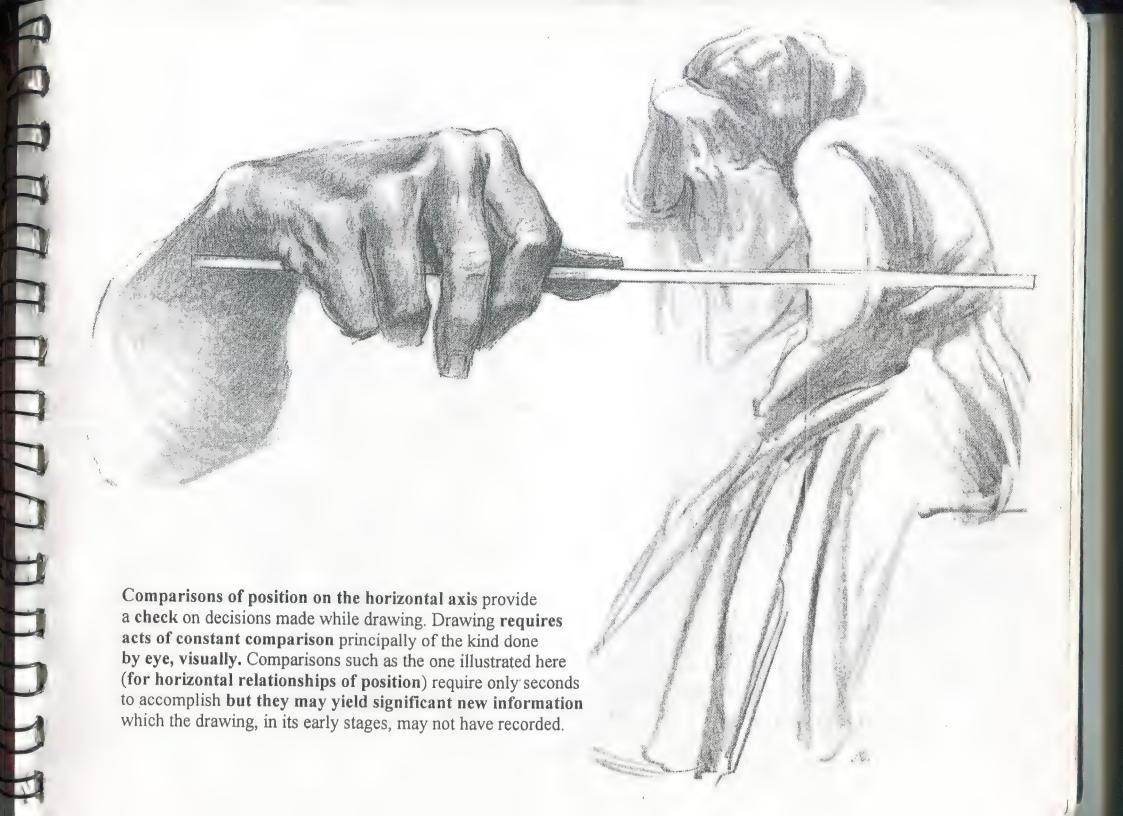


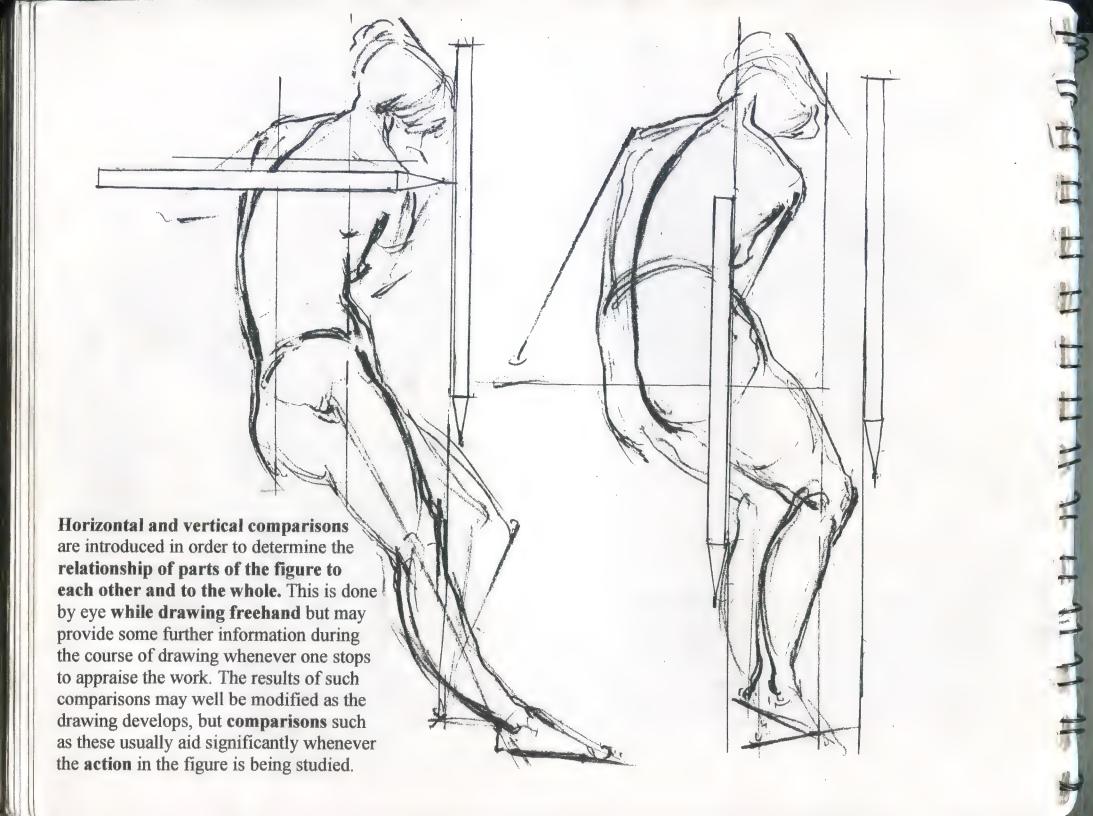


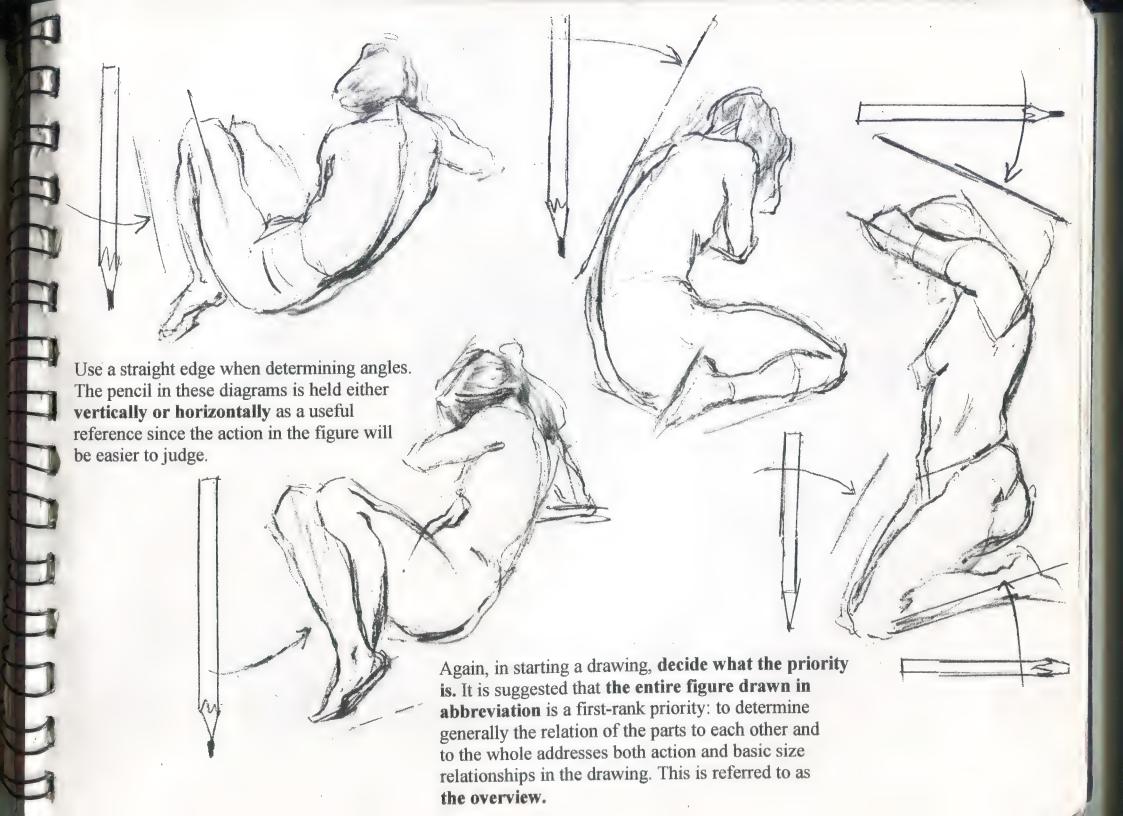


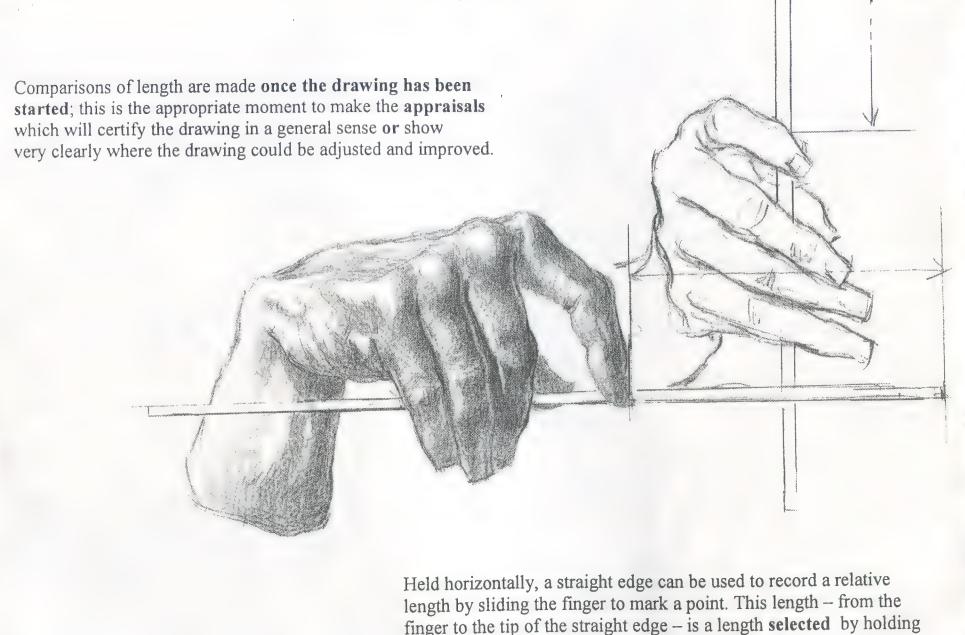




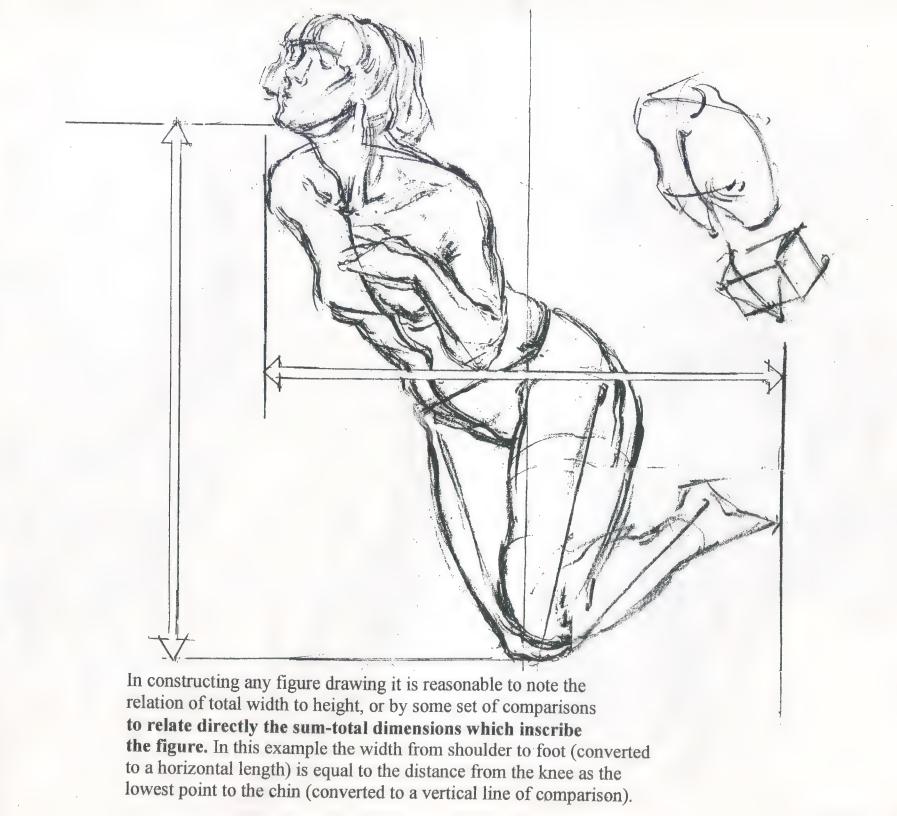






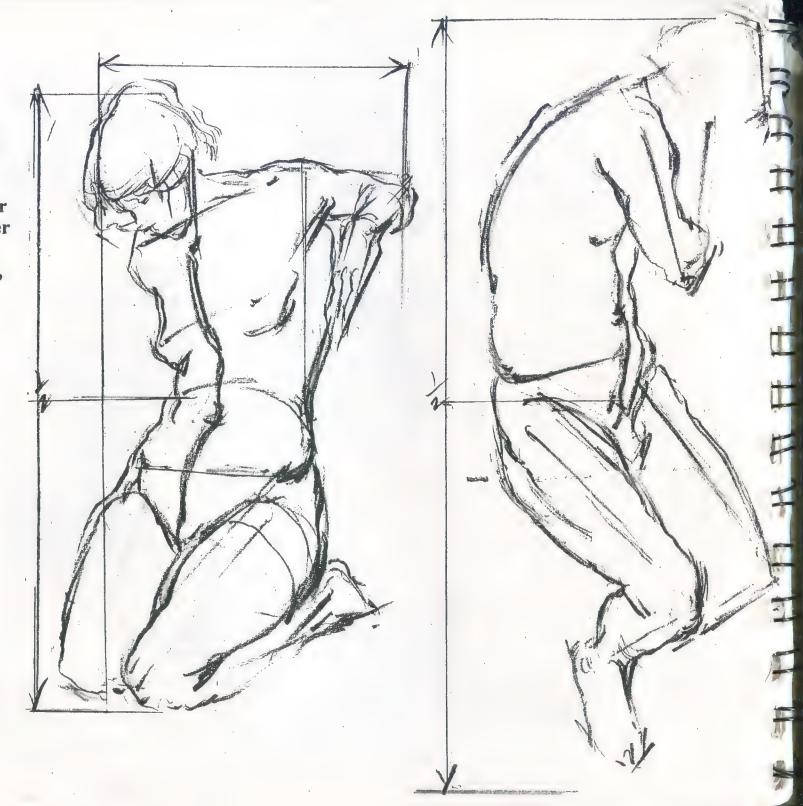


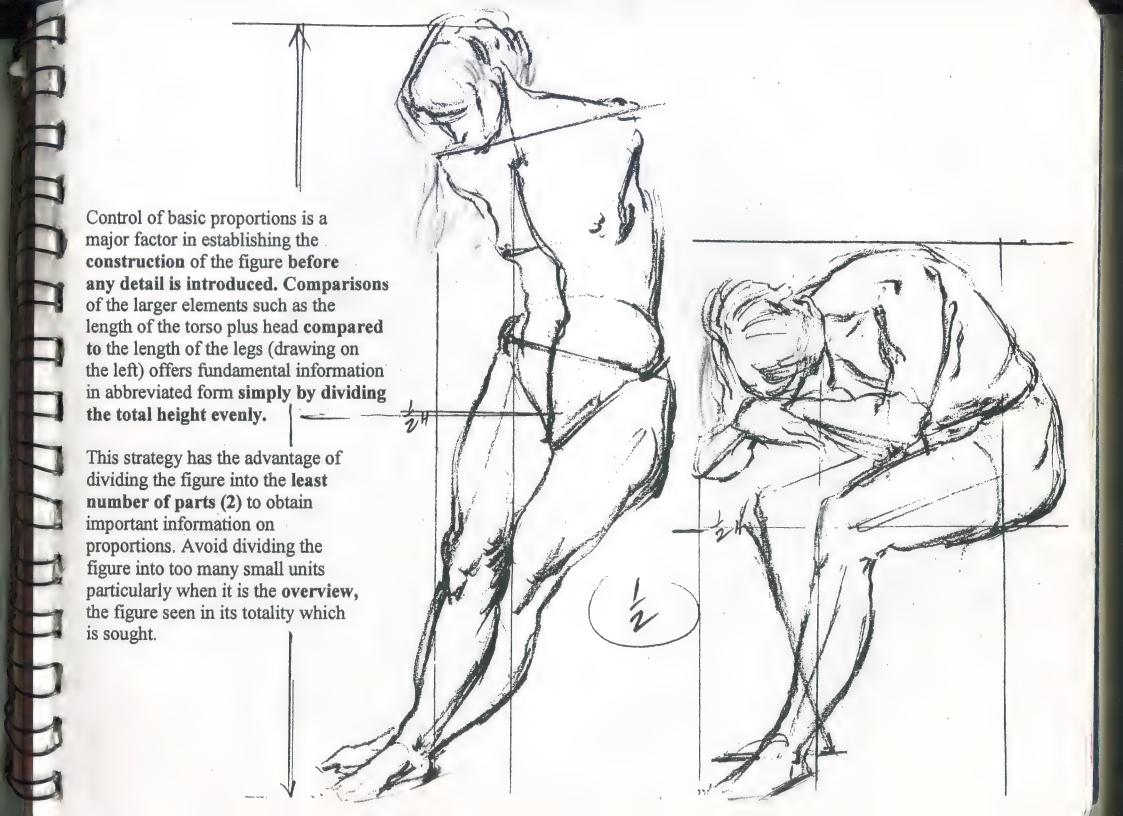
Held horizontally, a straight edge can be used to record a relative length by sliding the finger to mark a point. This length — from the finger to the tip of the straight edge — is a length selected by holding the straight edge at arm's length and looking past it at the model; a comparison of width to height or width to width is made in this way and by comparisons of this sort the proportions of the figure may be obtained.

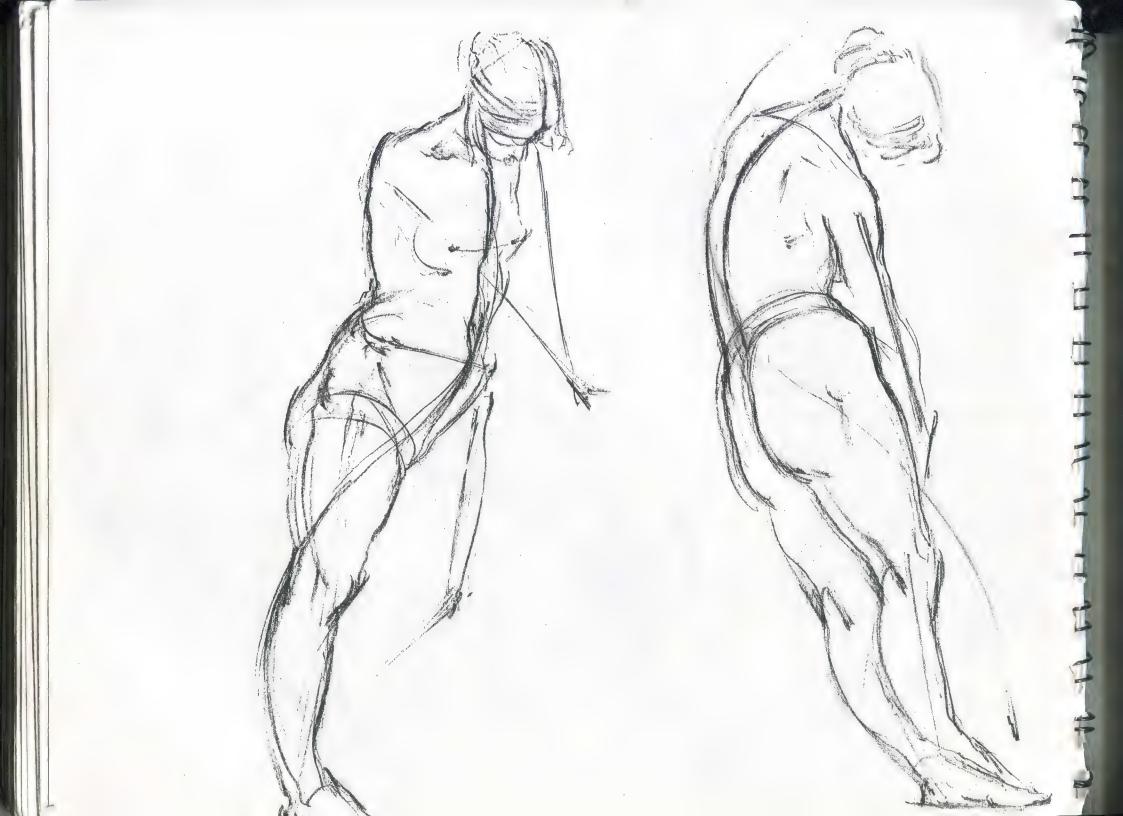


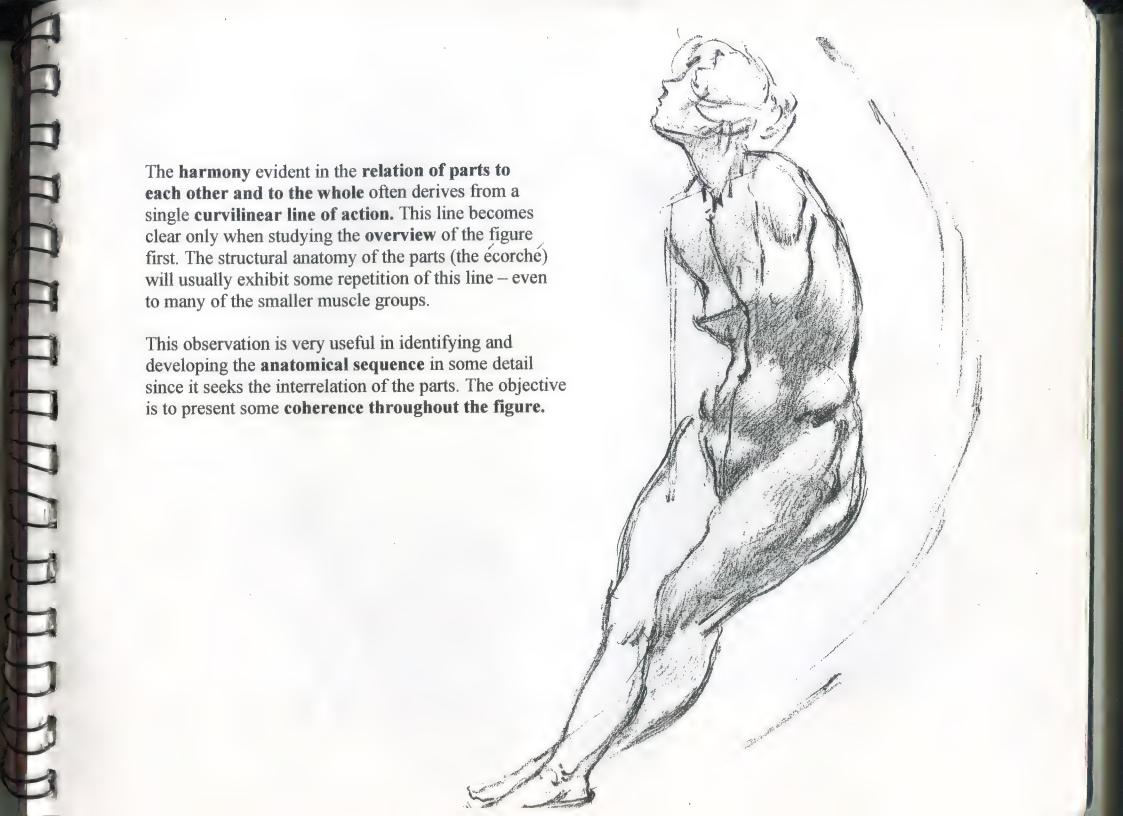
It is important to discover the relation of the larger parts (length of torso, length of legs, etc.) to each other, to compare the parts of greater length or width to each other than to divide the whole into too many smaller parts, or to use too small a unit of proportion in setting the overview. First comparisons should be large in scope just as the priority in freehand drawing is the overview in a general sense.

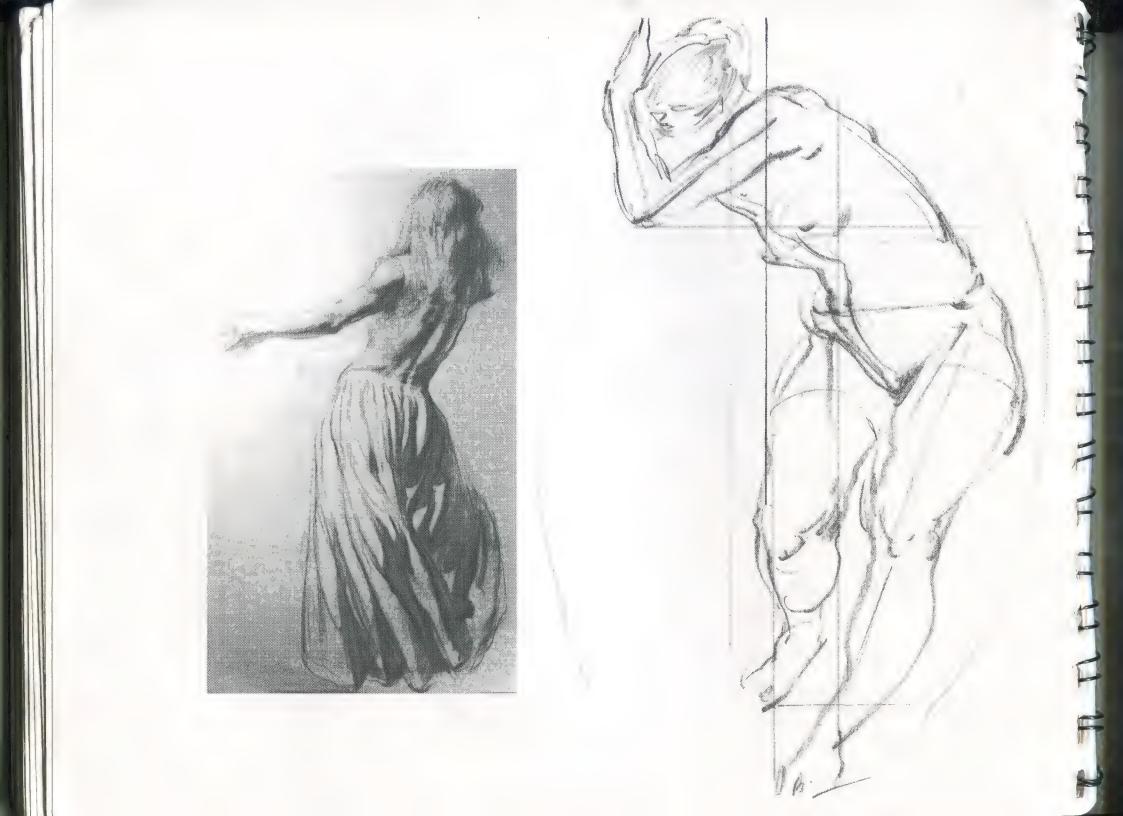
This recommendation has nothing to do with any <u>rule</u> of proportion; it is a recommendation and suggestion as to how to discover relationships of proportion.

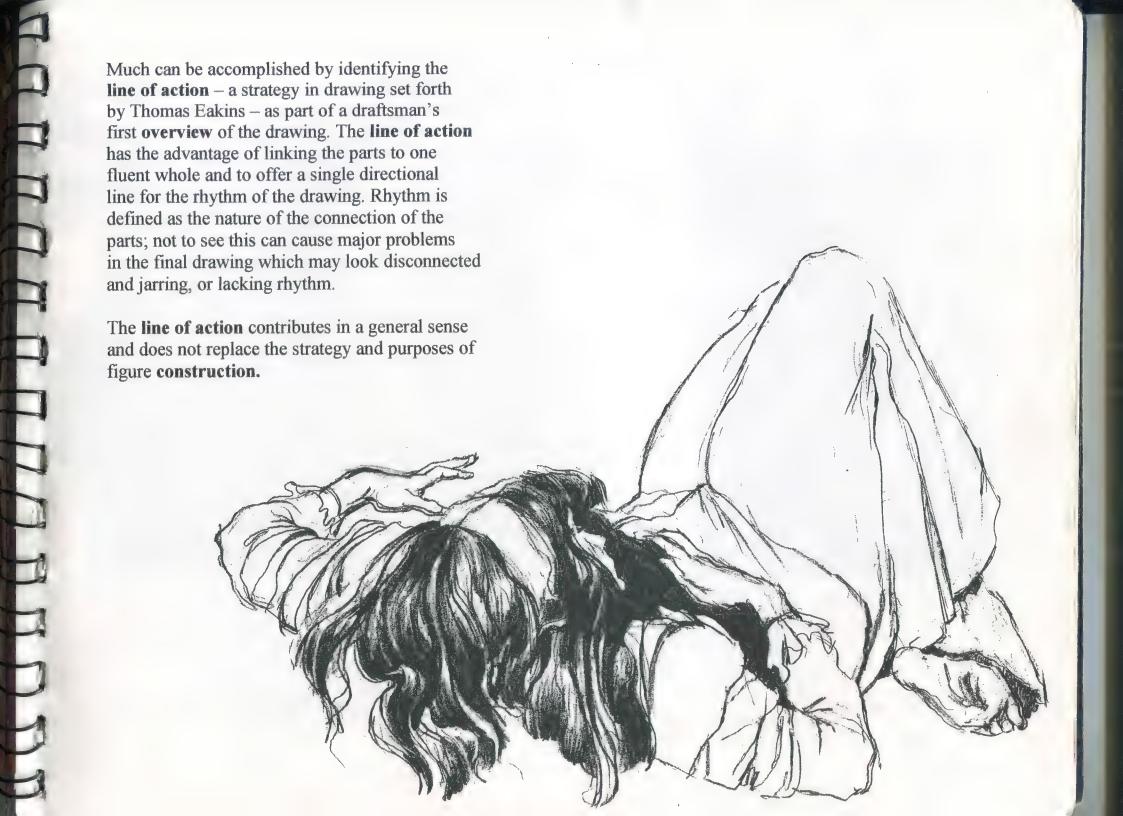






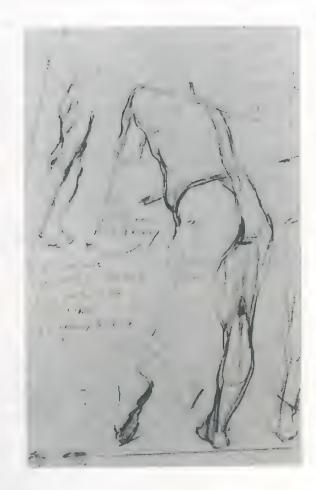




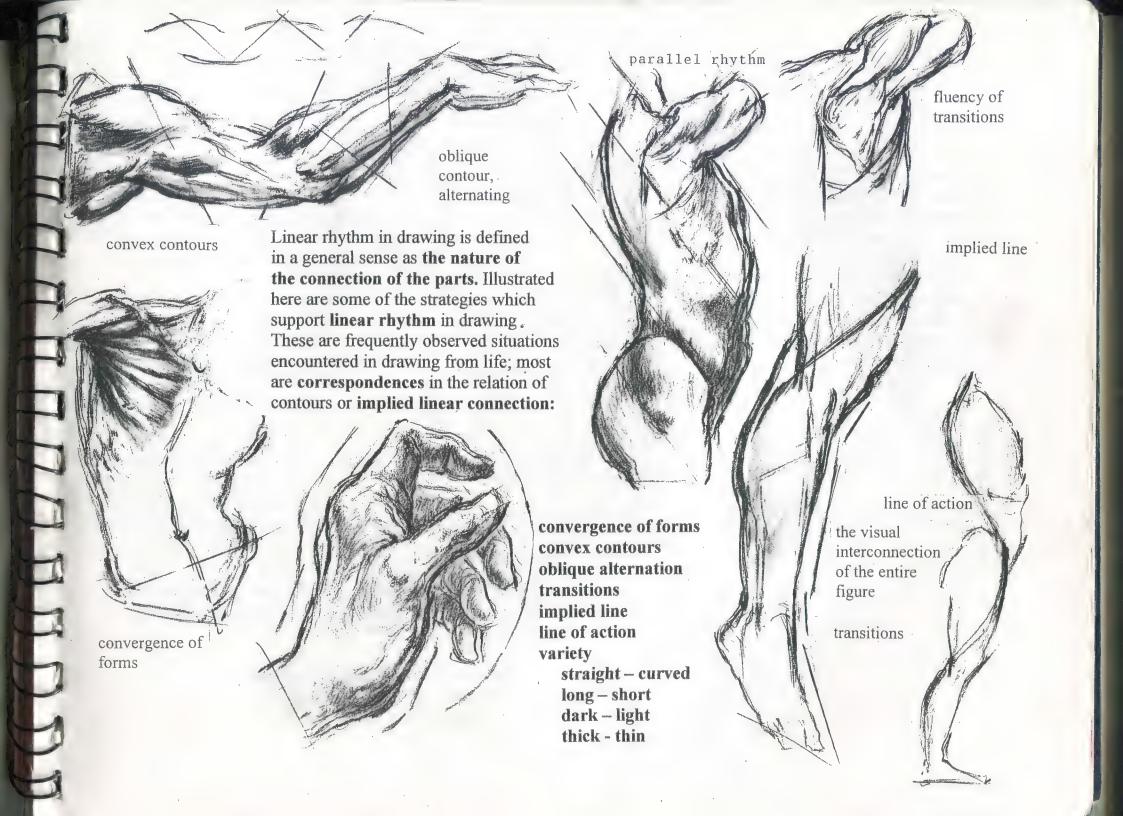


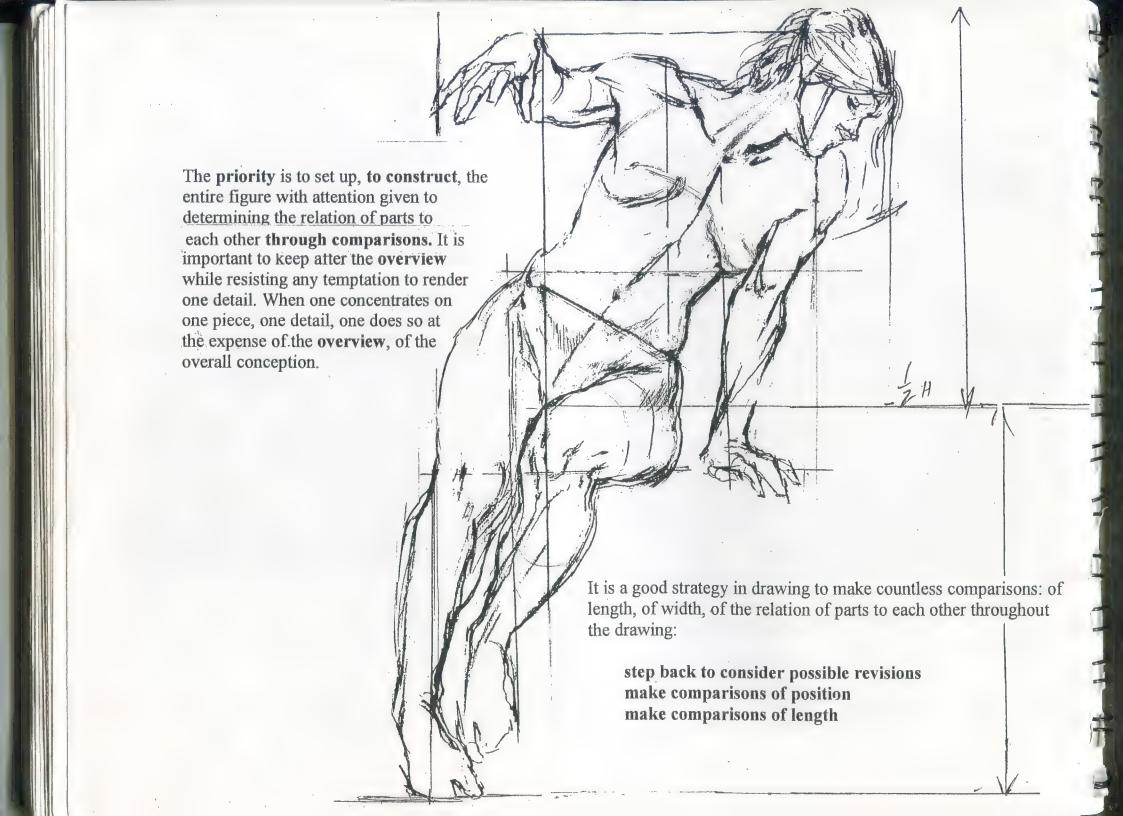






Rhythm in figure drawing refers to the nature of the connection of the parts. In these examples the issues of action and size relationships have reached a certain stage of resolution. Just as attention is now given to rhythmic contours of the limbs, so too must the drawing in its entirety be scanned for whatever contribution rhythm may make.

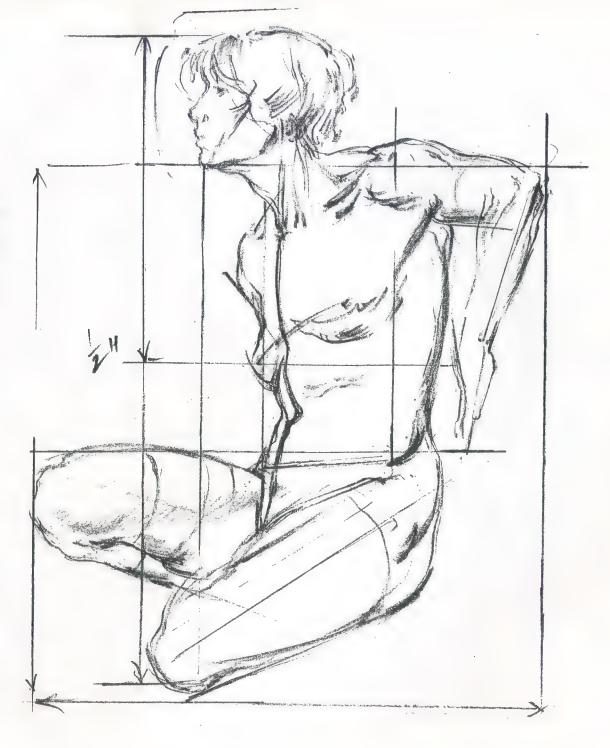




Freehand drawing is supported by construction lines and by comparisons which contribute refinements of action, relation, proportion, and articulation.

Both appraisal and revision(s) of the drawing make direct use of the construction lines illustrated here. While the contribution of construction lines and comparisons illustrated here is significant, freehand drawing must come first.

Comparisons, measuring, and adjustments of the action of the figure and the proportions are always useful but are always in support of freehand drawing.





## VI. ANATOMICAL STRUCTURE

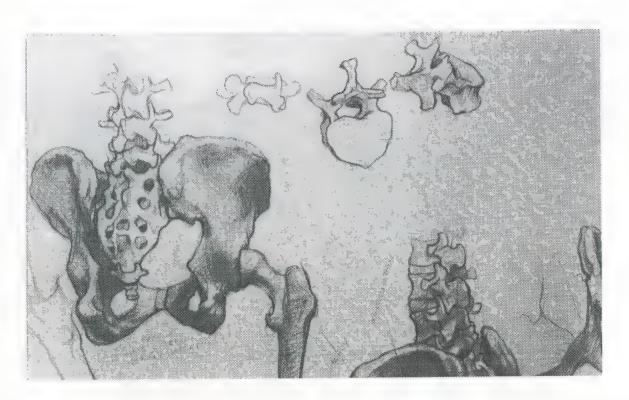


Articulation, from the Latin, <u>artus</u>, joint, refers to joint systems, the plan of bone meeting and moving against bone. The term implies a plan of action at the joint systems and the **movement** which results as tendons cross the joints, insert at specific sites, and are pulled harness-like by muscle.

The design for mobility and strength in the hand is impressive and complex. Antagonist muscle groups flex and extend, abduct and adduct, depending on the arrangement and shape of articular surfaces.

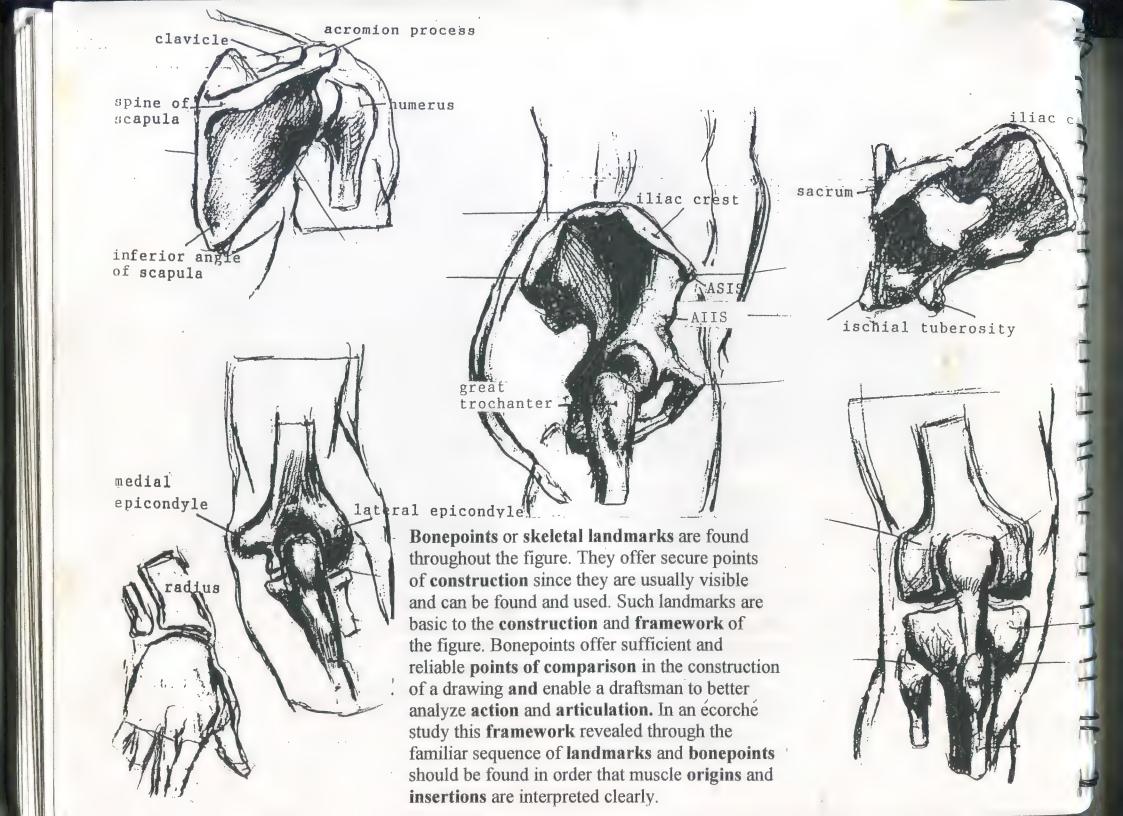
The range of motion of the hand implies a complex set of articular surfaces, and for the draftsman presents the opportunity to search for anatomical landmarks indicative of function.

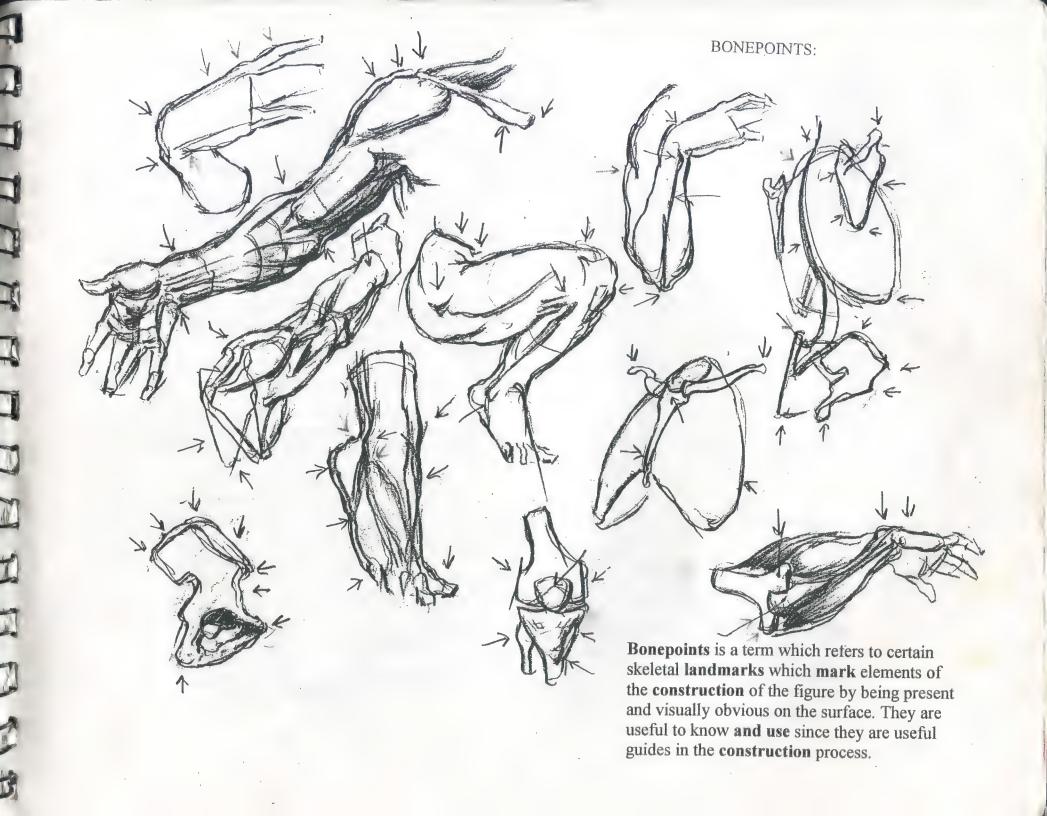
Understanding some of the anatomical construction informs a figure drawing everywhere and orders a draftsman's conception of the figure.

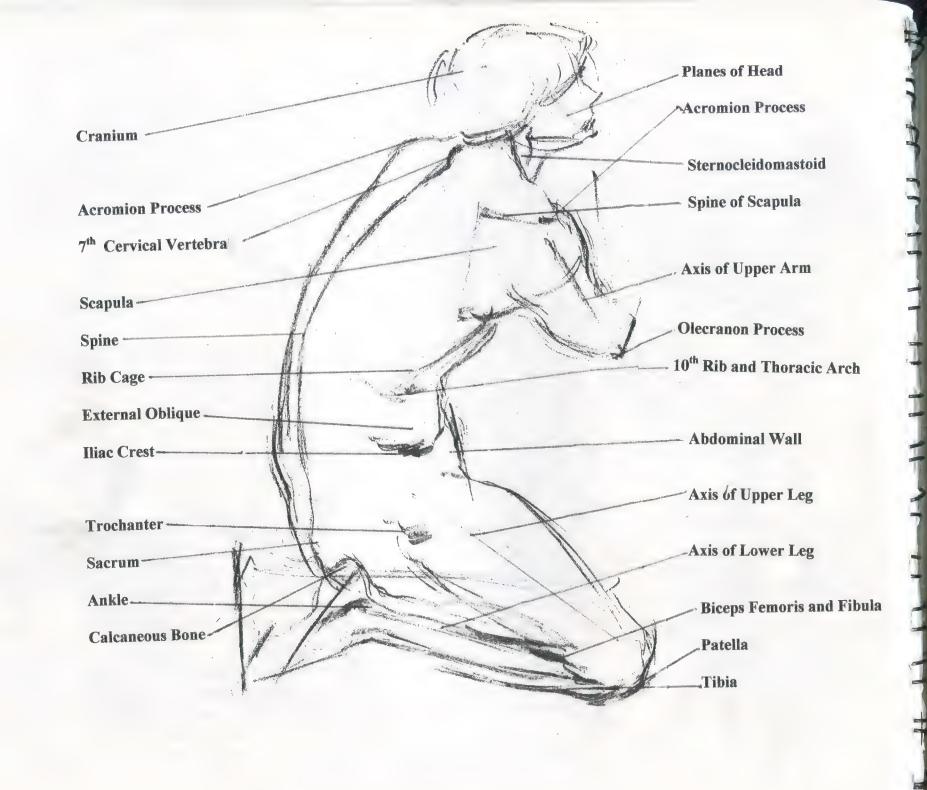


Drawing the skeleton is recommended since a draftsman seeks understanding – joint systems, bonepoints, origin and insertion sites, shapes, function, etc.

Drawings of this sort target certain areas in order to study a limited area more fully. Drawing offers a legitimate pathway for understanding; better understanding of figure structure further informs a figure drawing beyond what light and shade alone may reveal. A draftsman will add significantly to his familiarity with figure construction through drawing since graphic translation of structure puts new information into immediately available form.

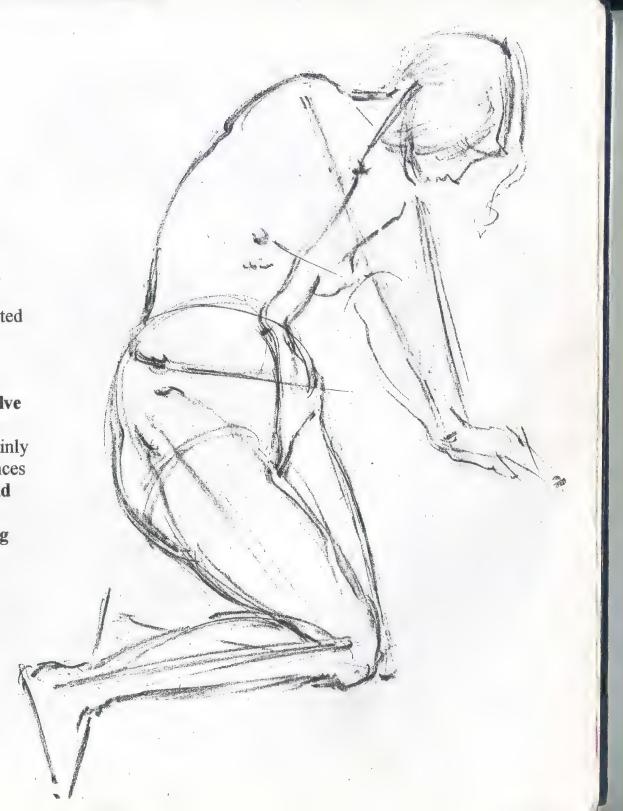


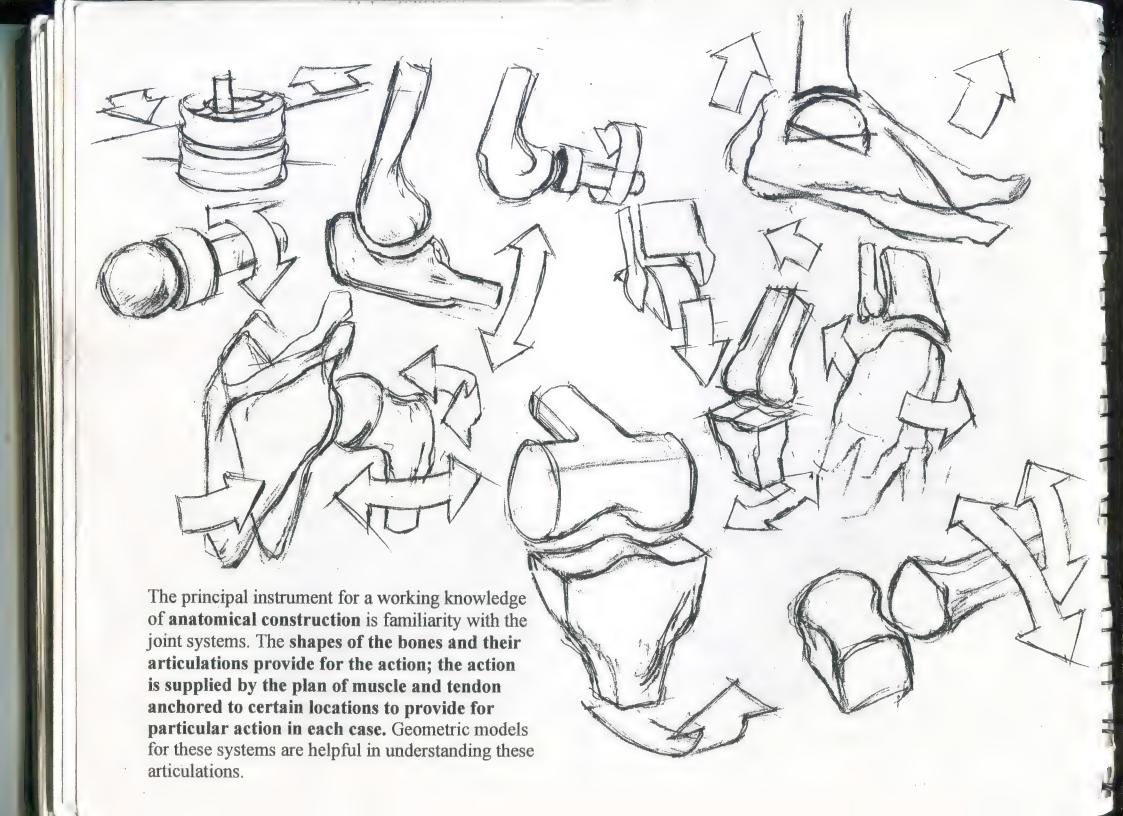


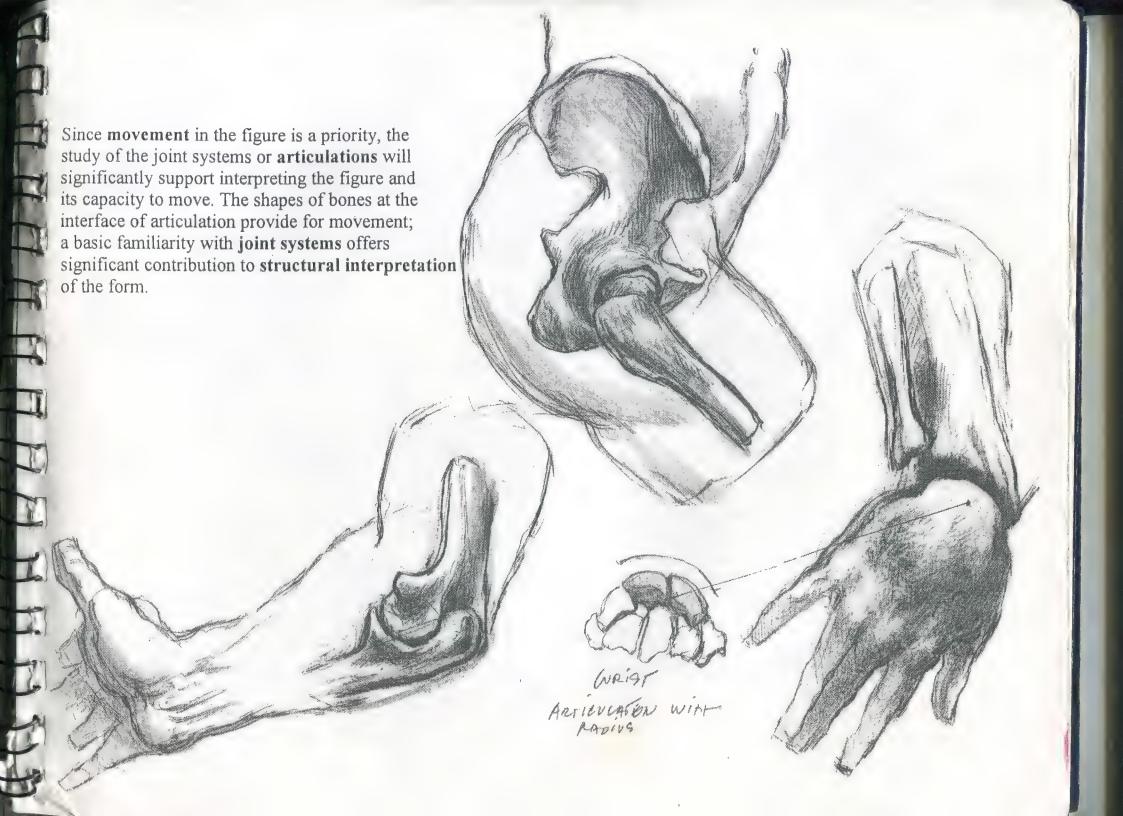


Locating and using major anatomical landmarks — even while working the initial freehand drawing — is strongly recommended. This strategy locates and secures landmarks in relation to each other which is critical in obtaining the overview. Additionally, principal anatomical bonepoints and landmarks are joined to freehand drawing if only in abbreviated form.

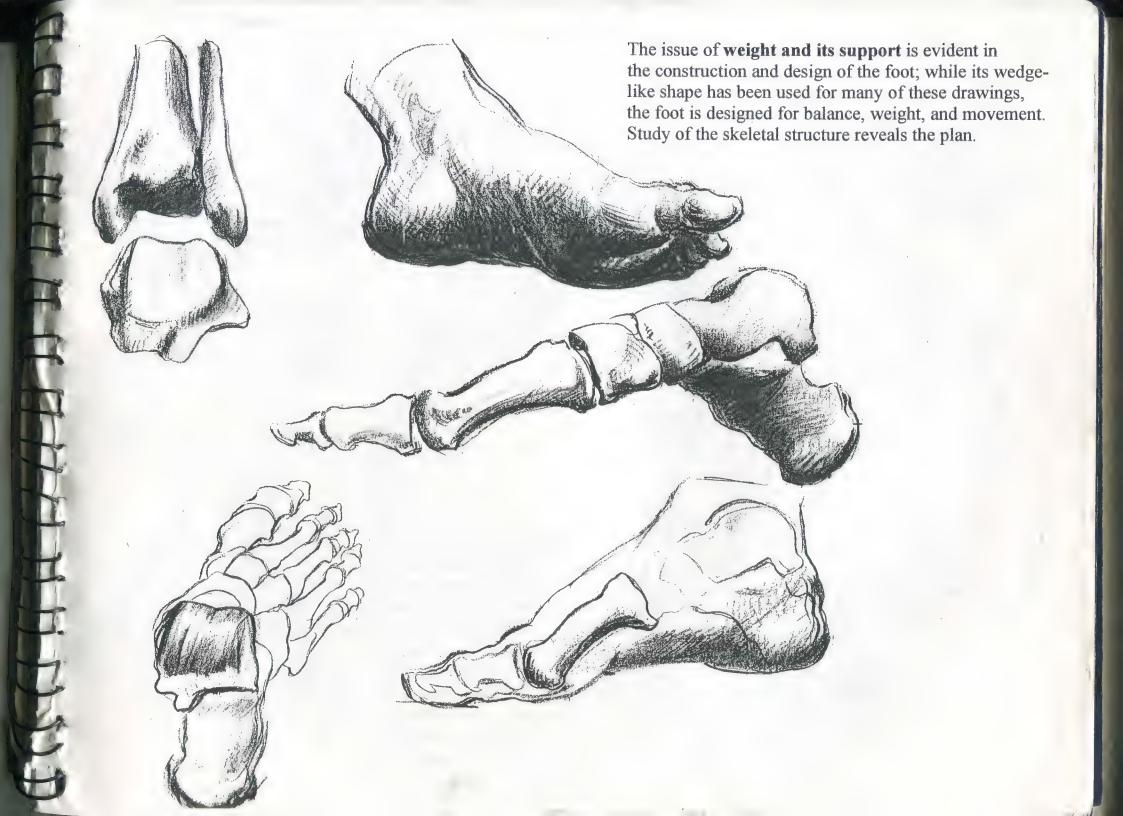
The importance of this strategy is coherence in advancing a drawing through stages which involve some identification of anatomical landmarks from the start. Revisions and refinements certainly will be introduced, but major anatomical references deserve immediate attention since they will yield principal points of relation, are so readily identified, and are the prerequisites for strong figure construction in drawing.

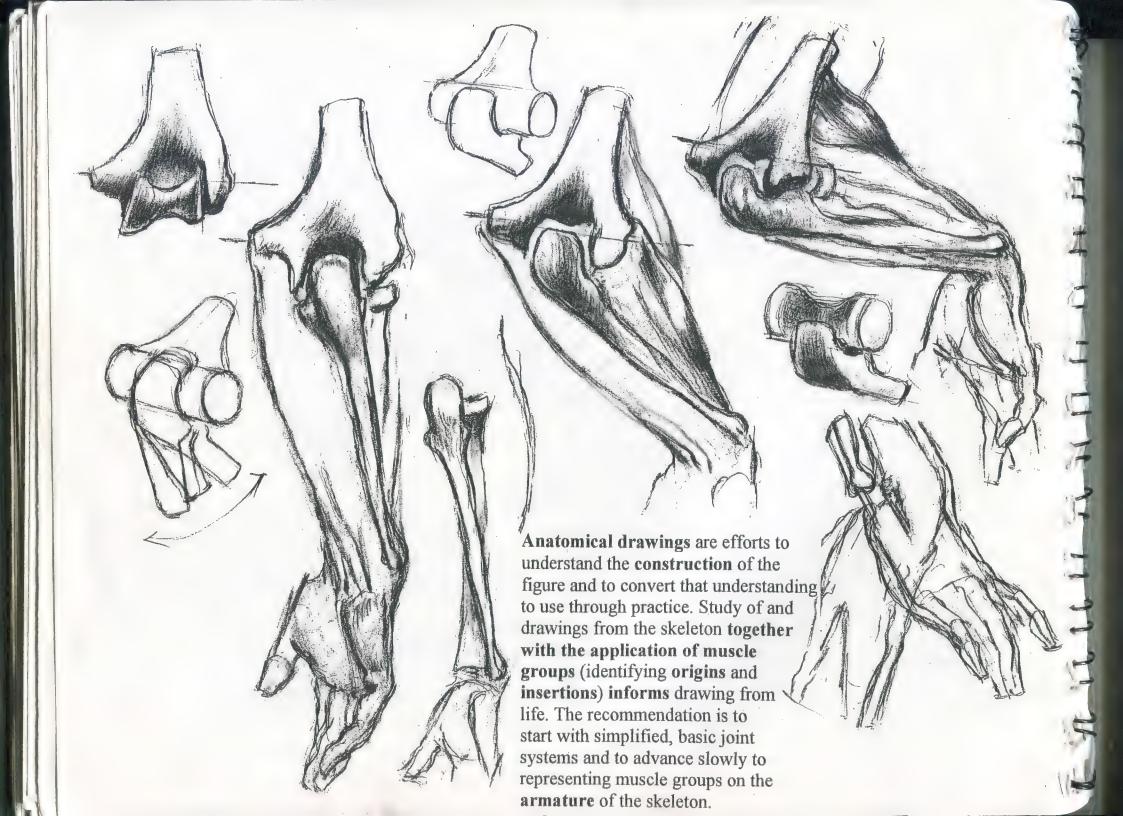


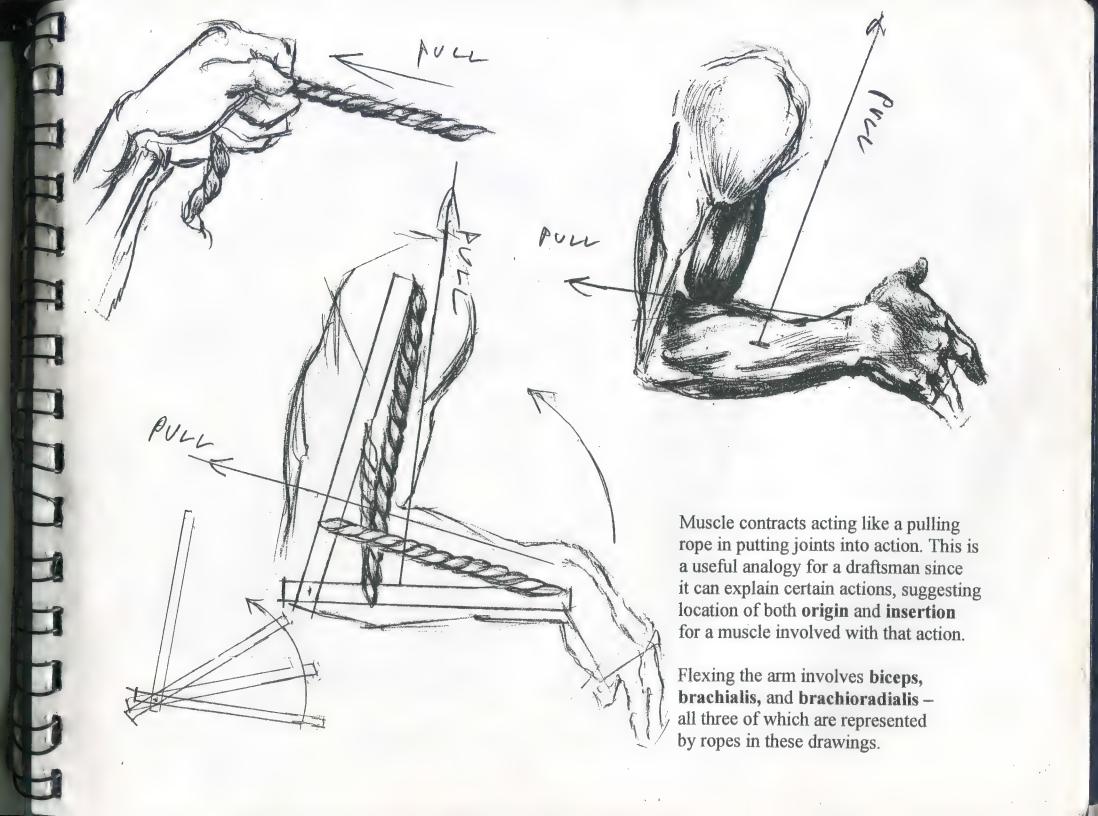


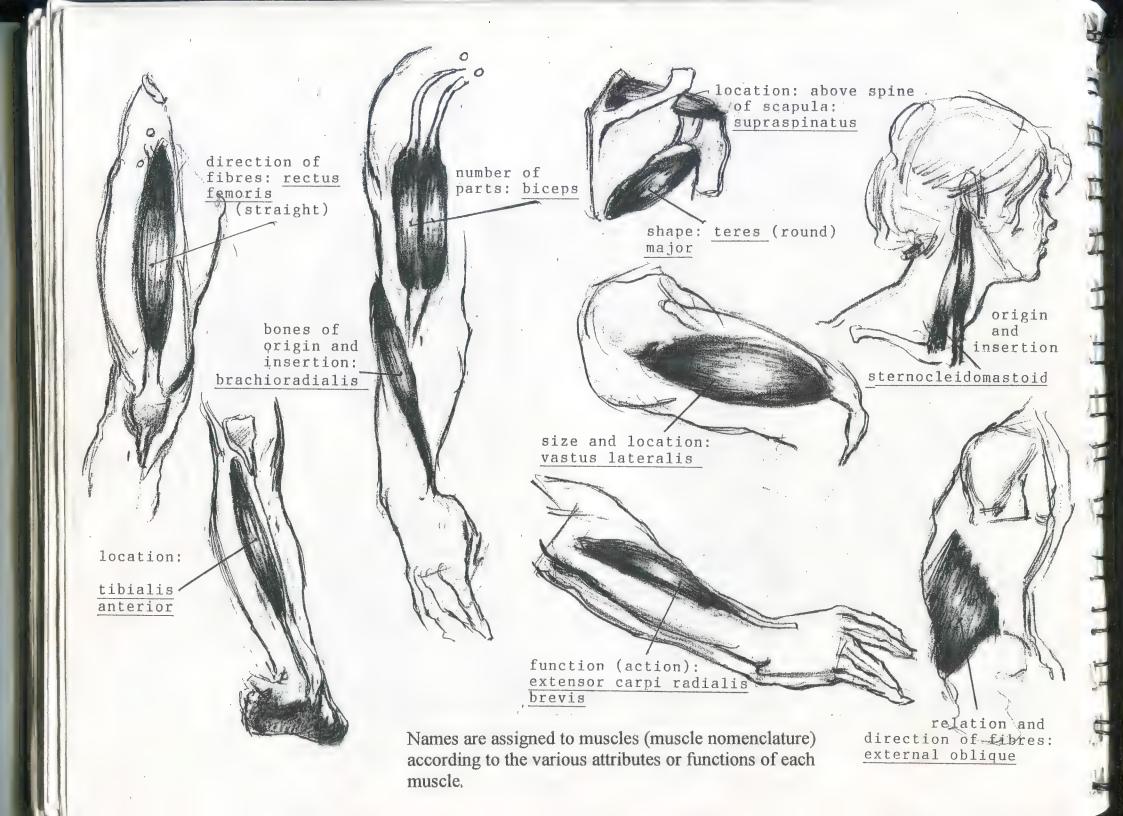


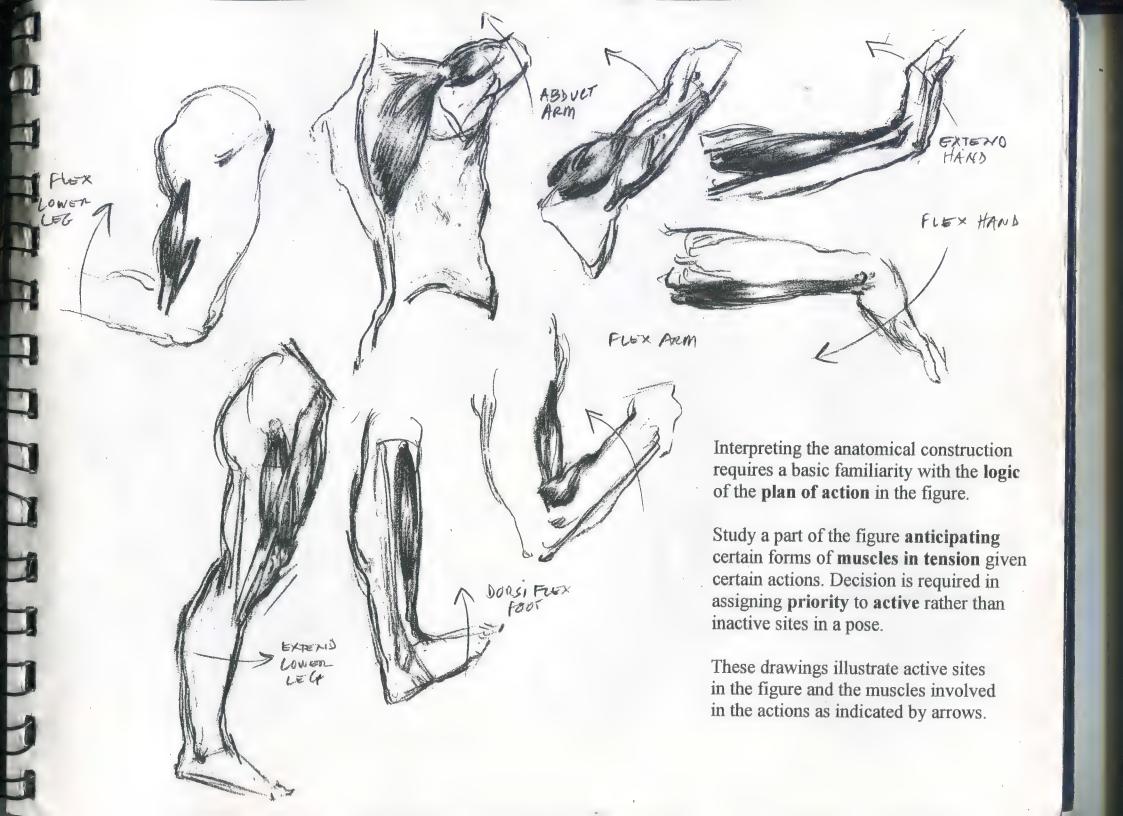


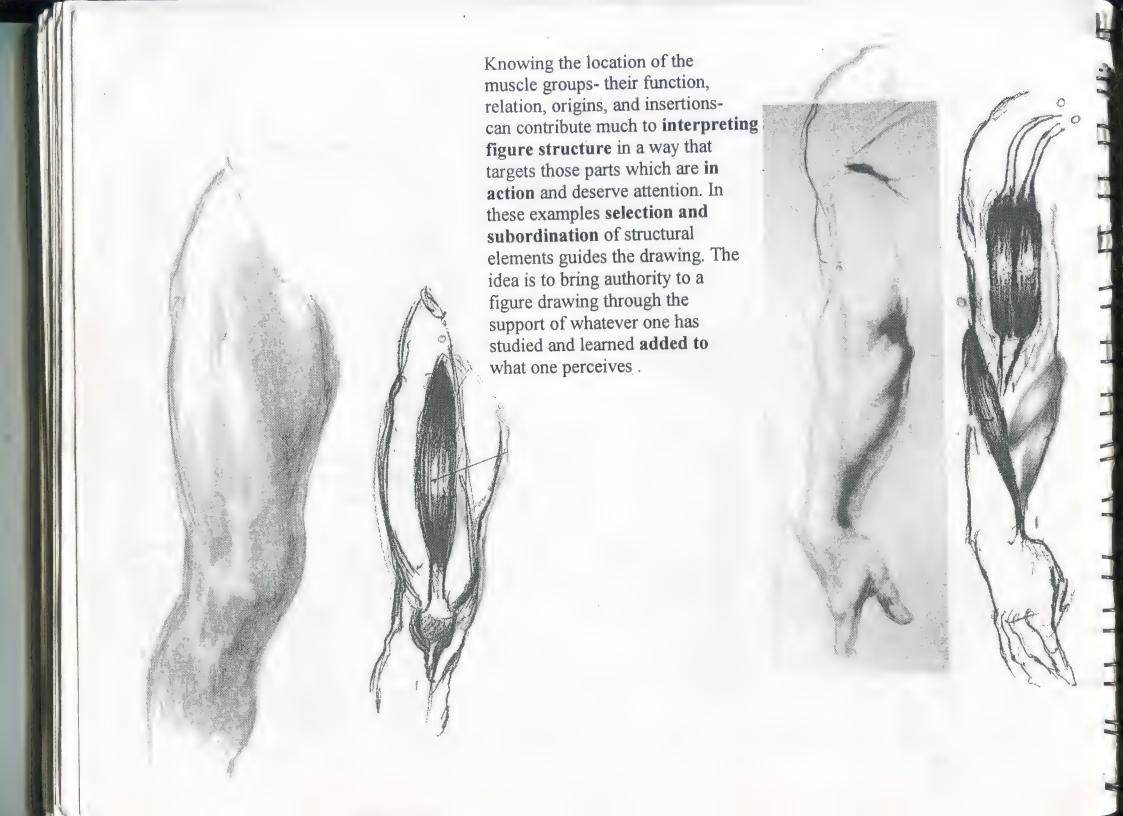




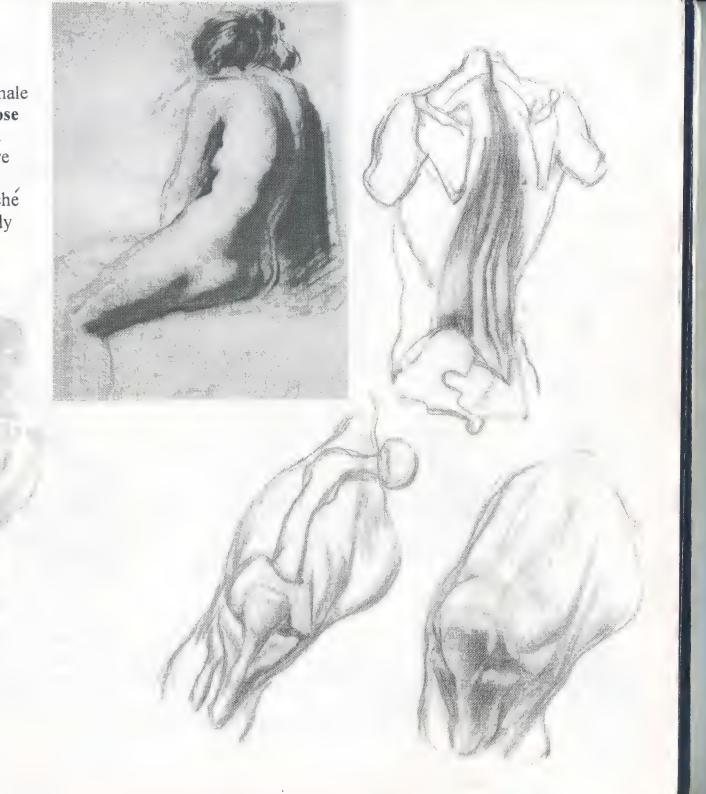


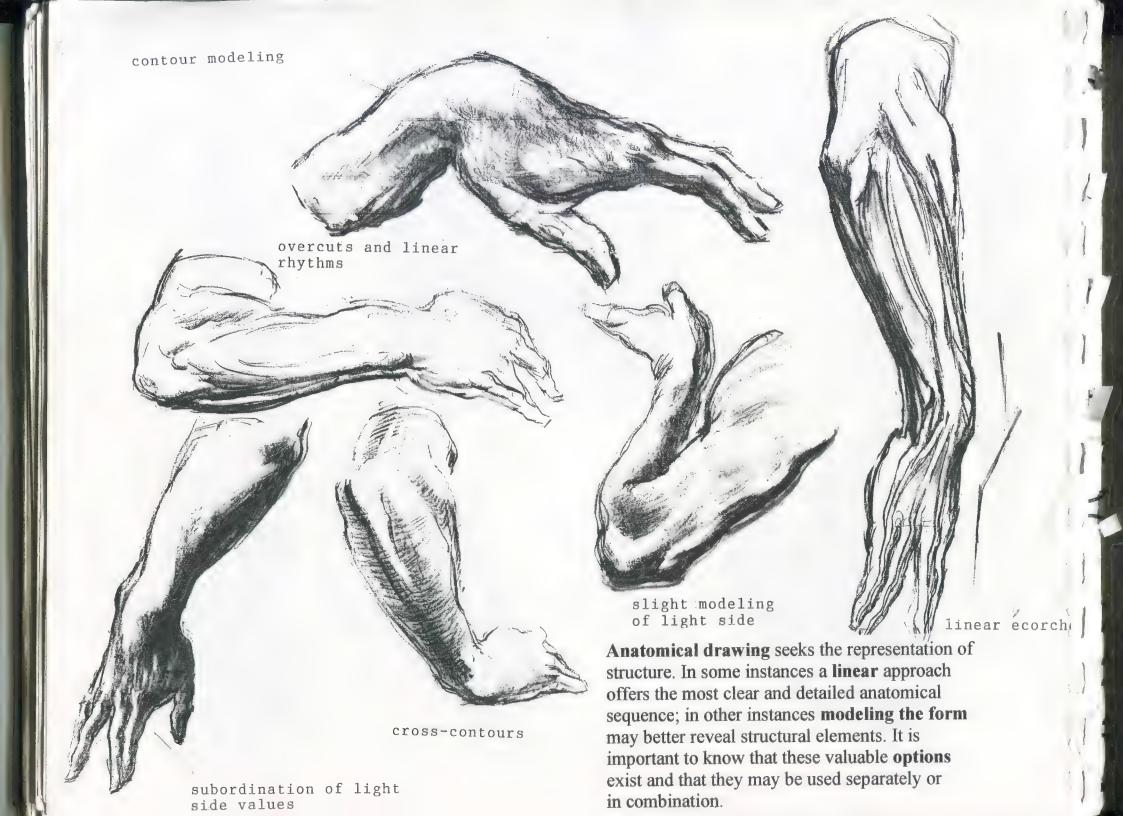


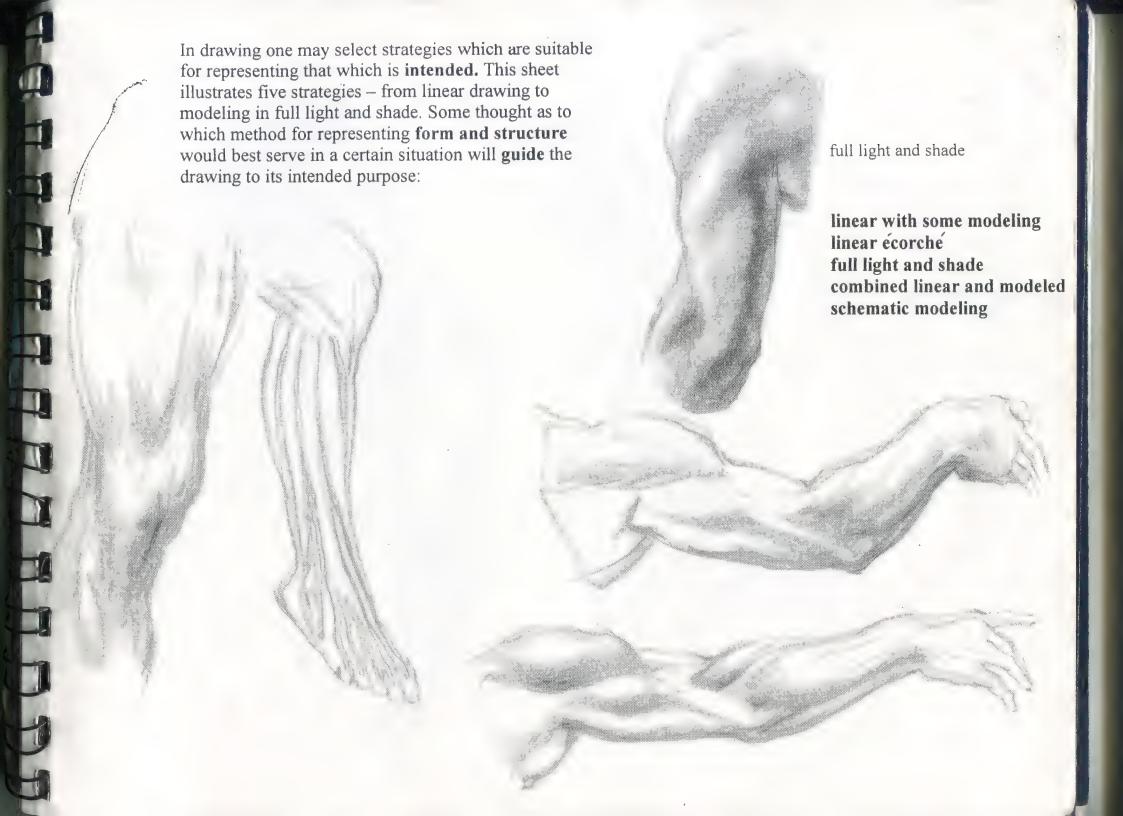




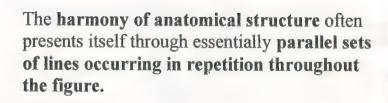
Reinforce what you see with what you know. This has been an axiom of figure drawing since the Renaissance. The rationale is clear: light may or may not reveal those structural elements used to construct a drawing. Knowing something about figure construction will significantly inform a drawing; most Master drawings are ecorche studies to a degree and were made to study structure.



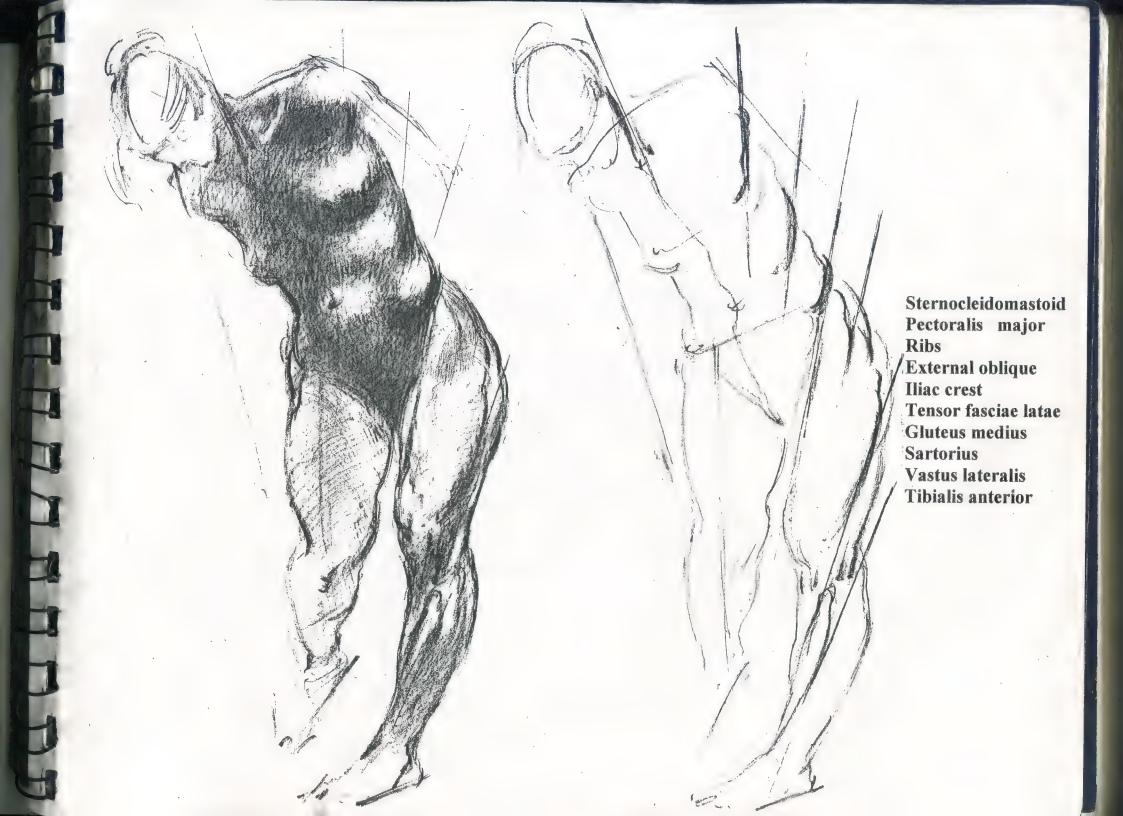


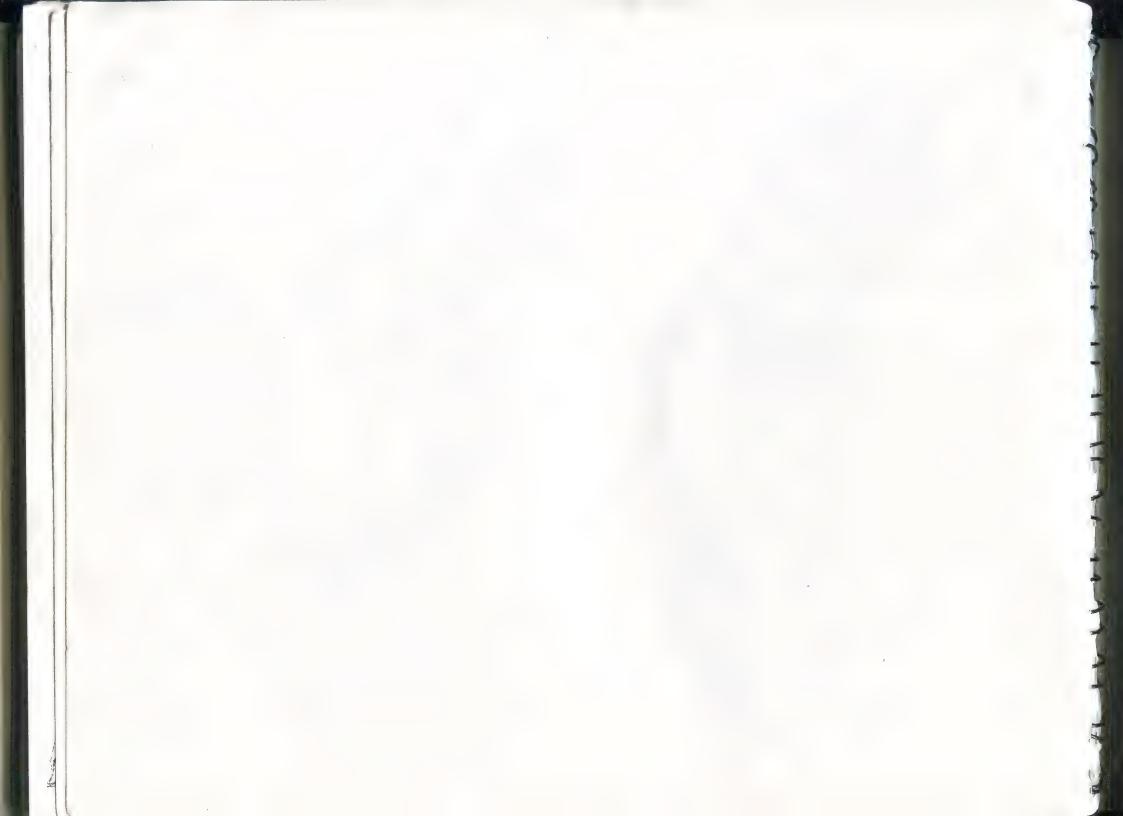






This observation is characteristic of both skeletal landmarks as well as in the strong directional lines of the musculature. The objective of drawing parts in relation to each other is well served and put to direct use by noting this succession of closely parallel lines characteristic of anatomical construction.





Drawing is best served by an attitude of openness and unobstruction rather than to be held to fixed limits and rules if it is to be meaningful and authentic.

There is no reason why a good idea, strategy, or observation should necessarily be withheld from making its contribution to drawing.

No strategy or suggestion serves the draftsman every time in the same way but for intelligence, experience, and an attitude toward the work of the studio which remains honest in its purposes.

**Theory** – the way things should work – must submit to **practice** – the way things actually work – but both make their contribution.

Power of mind and skill of hand remain the principal assets.

tion accommodes charites on of Lawren and a province to the second of th

reclaiment of the control of the property of the control of the co

The statement of succession were without the dealline of the state of the statement of the

These years and the same statement of the same and the sa

which happy the way to be a local to this pain bound to several

